

FINAL REPORT

**Groundwater IRM
Quarterly Groundwater Monitoring Report
2nd Qtr - 2013**

**GE Aviation
10361/50150**

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**Groundwater IRM
Quarterly GW Monitoring Report
1st Qtr - 2013**

Evendale, Ohio

**Prepared for:
GE Aviation**



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1 INTRODUCTION

O'Brien & Gere has prepared this report on behalf of the General Electric Company (GE) to present the results of groundwater monitoring activities conducted during April through June 2013 (herein referred to as Second Quarter 2013). Groundwater monitoring was conducted to monitor the temporal effect on groundwater conditions of a groundwater Interim Remedial Measure (IRM). The groundwater IRM, which includes the operation of seven groundwater extraction wells and a groundwater treatment plant (GWTP), has been installed on the southern portion of the GE Aviation manufacturing facility (Facility) in Evendale, Ohio, within an area known as former Air Force Plant 36 (AFP 36) (Figure 1). The groundwater remedial measure was initiated as an IRM under a Resource Conservation and Recovery Act (RCRA) Corrective Action Permit with the objective of mitigating off-site migration of compounds of potential concern (COPCs), while minimizing the risk of cross-contamination and/or reducing the effectiveness of biodegradation processes.

In addition, the First Semiannual 2013 (Site-wide semiannual) groundwater sampling event was performed from May 8 through May 9, 2013, associated with the RCRA Corrective Action Program at the Facility.

Historically, groundwater monitoring has been conducted periodically since 1988, with the monitoring network expanding between 1998 and 2009. Quarterly or semiannual groundwater sampling has been conducted consistently at the Facility since 2007.

Groundwater monitoring data are evaluated and reported after each sampling event, including evaluations of quality assurance, cross-contamination potential, and significant short-term anomalies. Long-term trends and overall remediation progress will be evaluated and reported annually, at the end of each year.

Groundwater monitoring activities were conducted in accordance with the approach and methods outlined in detail in the *IRM Performance Monitoring Plan* (PMP), prepared by O'Brien & Gere (2010). The groundwater monitoring network consists of a total of 116 wells completed in three water-bearing units (Perched Zone, Upper Sand and Gravel (USG), and Lower Sand and Gravel (LSG)). As outlined in the PMP, the general scope of groundwater monitoring activities includes:

- Groundwater level monitoring using manual electronic as well as pressure transducer measurements at frequencies outlined in the PMP. Monitoring was conducted using a total of 66 wells completed in the Perched Zone (21 wells), USG (23 wells), and LSG (22 wells).
- Groundwater quality sampling using passive diffusion bag samplers (PDBs) for analysis of volatile organic compounds (VOCs) and field bioparameters (*e.g.*, dissolved oxygen [DO] and oxidation-reduction potential [ORP]) in accordance with frequencies outlined in the PMP. Groundwater samples were collected from a total of 44 wells completed in the Perched Zone (12 wells), USG (17 wells), and LSG (15 wells).
- Monthly sampling of groundwater from actively pumping extraction wells for analysis of VOCs.
- Evaluation of data from groundwater level and quality monitoring, including statistical analysis to address hydrogeologic conditions of stability (equilibrium) and potential cross-contamination.

In accordance with the PMP, the results of groundwater monitoring are to be presented in quarterly monitoring reports.

The semiannual groundwater monitoring network consists of 36 monitoring wells. The wells are sampled using PDBs for analysis of VOCs and field bioparameters in accordance with the U.S. Environmental Protection Agency (USEPA)-approved August 2009 Work Plan. Groundwater samples were collected from 36 wells completed in the Perched zone (13 wells), USG (11 wells), and LSG (12 wells). Approximately 50% of these wells are included in the groundwater IRM monitoring program.

2 METHODS AND RESULTS

As outlined in the PMP, Hydraulic Control Monitoring was conducted to evaluate whether the current IRM configuration (*i.e.*, extraction rates and well locations) is achieving the desired capture zone (*i.e.*, hydraulic control), while not exacerbating groundwater contamination. Progress Monitoring was initiated at the conclusion of Hydraulic Control Monitoring for the Perched, USG and LSG when the capture zones for these units were verified and long-term monitoring/evaluation of changes in COPC concentrations in these units was initiated. Hydraulic Control and Progress Monitoring consists of groundwater level and quality monitoring at locations depicted in Figure 1.

The semiannual groundwater monitoring program is conducted to evaluate the temporal and spatial distribution of COPCs. The semiannual monitoring locations are also depicted in Figure 1.

Methods and procedures for groundwater level and quality monitoring were conducted in accordance with the USEPA approved Sampling and Analysis Plan (SAP) (O'Brien & Gere, 2009) and the PMP. Additional details on field methods are provided in *Groundwater IRM, Quarterly Groundwater Monitoring Report – 3rd Qtr – 2012* (O'Brien & Gere, 2013) and *Groundwater IRM, Quarterly Groundwater Monitoring Report – 4th Qtr – 2012, Annual Summary – 2012* (O'Brien & Gere, 2013).

2.1 GROUNDWATER LEVEL MONITORING

Groundwater level monitoring consisted of manual measurements and variable automated measurements (*i.e.*, pressure transducers). Progress monitoring for the Second Quarter 2013 included a reduced number of wells for manual monitoring, with the frequency of monitoring reduced as outlined in the PMP as summarized in Table 1. Tables 2 and 3 provide a summary of the wells included in hydraulic control and progress monitoring, as well as the semiannual groundwater sampling program. Groundwater level monitoring was also completed for the monitoring wells in the semiannual groundwater sampling program (see Table 1).

2.2 GROUNDWATER QUALITY MONITORING

Groundwater quality samples were collected for VOC analysis from a total of 44 wells completed in the Perched Zone (12 wells), USG (17 wells), and LSG (15 wells). Groundwater sampling was performed on a quarterly basis during the Second Quarter 2013 in accordance with the PMP. Groundwater samples were also collected from a total of 36 wells completed in the Perched Zone (13 wells), USG (11 wells), and LSG (12 wells) at the same time for the semiannual groundwater sampling event in accordance with the August 2009 Work Plan; however, approximately 50% of these wells are included in the groundwater IRM monitoring program.

Groundwater influent and effluent samples were collected for VOC analysis at sampling ports located before (influent) and after (effluent) the air stripper unit at the GWTP. Influent and effluent samples were collected semi-monthly during the Second Quarter 2013. Groundwater samples were also collected for VOC analysis from each actively pumping extraction well at a sample port located at the extraction well vault. The extraction well samples were collected monthly.

2.3 FIELD OBSERVATIONS

Manual and automated groundwater level data are presented in hydrographs and discussed in Section 3.1. Groundwater elevation contour maps for the Perched Zone, USG and LSG units on January 8, 2013 are presented in Figures 2, 3 and 4, respectively, and are discussed further in Section 3.1.3.

Field groundwater quality measurements collected during this quarter are summarized in Table 4. These measurements were generally within previously measured values for the Perched Zone, USG and LSG units. An exception is an elevated pH reading in OSMW-8S of 11.85.

2.4 ANALYTICAL RESULTS

Groundwater analytical results for this quarter are summarized in Table 4. Laboratory analytical reports for the Second Quarter 2013 and the semiannual sampling programs are included in Appendix A.

2.5 QUALITY ASSURANCE/QUALITY CONTROL

Field quality control (QC) samples included trip blanks, field duplicates, and matrix spike/matrix spike duplicates (MS/MSDs). These samples were collected in accordance with the site PMP at a frequency of one blind duplicate and MS/MSD per twenty samples and one equipment blank, either per day or per twenty samples, whichever was more frequent. One trip blank was submitted for analysis with each cooler containing groundwater samples for VOC analyses. The QC samples were prepared in accordance with Section 3.3 of the SAP, using the frequencies specified in the Quality Assurance Project Plan (QAPP) tables contained in the SAP. Laboratory QA measures are identified in the SAP.

The laboratory analytical results for VOCs underwent Level A data review and verification by O'Brien & Gere in accordance with Appendix C of the PMP. Details of data verification results for Second Quarter 2013 are included in Appendix B-1.

In summary, except as noted in Appendix B-1, (1) chain-of-custody forms are complete, (2) laboratory analysis and preparation are in accordance with the QAPP, (3) blanks/LCS/MS/MSDs are within control limits, (4) reporting limits were met, and (5) the QA frequency is correct.

In addition, quality assurance/quality control samples for the semiannual groundwater sampling program were collected in accordance with the SAP consisting of field duplicates, matrix spike/matrix spike duplicates and equipment blanks. The laboratory analytical results for the semiannual groundwater sampling program were independently validated by O'Brien & Gere Engineers, Inc. to assess data quality. Data validation was performed in accordance with the USEPA-approved June 2009 SAP. The overall data usability with respect to completeness is 100 percent for the VOC data. The VOC data were also determined to be usable for qualitative and quantitative purposes. The data validation summary report is provided in Appendix B-2.

2.6 STATISTICAL ANALYSIS

Statistical methods involving trend analysis and the development of tolerance limits were applied to groundwater level and quality data for the IRM sampling program monitoring wells in accordance with procedures detailed in Appendix B of the PMP.

Statistical analysis of groundwater level and quality data was conducted to evaluate stability (steady-state conditions), potential cross-contamination, and the need for pumping optimization.

Details of each statistical method and application are included in Appendix B of the PMP. Statistical analysis of groundwater levels using Methods I and III of Appendix B were modified to improve sensitivity of the statistical analysis and the level of accuracy applied to trigger values.

3 DATA EVALUATION

Groundwater elevation data were used to evaluate the potential for cross-contamination and attainment of equilibrium conditions as well as to estimate the capture zone of each extraction well(s) for comparison of actual and predicted groundwater flow paths and system design. Groundwater quality data were used to assess the pumping risk associated with vertical and/or lateral cross-contamination, as well as to measure remedial progress.

To assist in evaluating groundwater elevation and quality data and trends, the following summary of extraction well average flow rates and durations are provided for the Second Quarter 2013:

- Perched Zone – 34 gallons per minute (gpm) (EW-4P) to 49 gpm (EW-5P and EW-6P)
- USG – 23 gpm (EW-7S) – the pumping rate of EW-7S was reduced from 45 to 35 gpm to stabilize declining water levels in the well
- LSG – 49 gpm (EW-3D and EW-8D)
- The overall IRM system average flow rate was 296 gpm and the run-time was approximately 98%; however, there were several periods of downtime for USG extraction well EW-7S in May and June 2013.

3.1 GROUNDWATER ELEVATION DATA

Groundwater elevation data were used to create hydrographs and calculate vertical hydraulic gradients between select nested wells for trend and statistical analysis. The results of these analyses were used to evaluate the occurrence of cross-contamination and equilibrium conditions, as outlined in the PMP, as well as estimate the capture zone of each extraction well(s).

3.1.1 Groundwater Levels and Pumping Influence

Hydrographs for monitoring wells from the Perched Zone, USG, and LSG are included in Appendix C, as presented in Figures C-1 through C-5. The dates of pertinent startup and pumping rate changes, if any, are identified on these figures. Noteworthy observations include:

- A period of groundwater recovery within the USG coincided with shutdown of pumping at well EW-7S from June 17 through 30, 2013 for redevelopment.
- Previously stable to increasing groundwater levels during the First Quarter 2013 continued to increase through May during the Second Quarter 2013 due to spring rainfall and then began to decrease in June.
- The depression of groundwater levels in the Perched Zone, USG and LSG were maintained during the Second Quarter 2013 (Figure C-1 through C-5).

3.1.2 Vertical Hydraulic Gradients

Hydrographs of select nested wells for the evaluation of vertical hydraulic gradients are included in Appendix D, as presented in Figures D-1 through D-9. Figure D-1 shows background conditions at the GM-9 nested wells. Noteworthy observations include:

- The reversal in vertical gradients in the AF-4P/S nested series (see Figure D-2) was re-established during much of the Second Quarter 2013.
- The vertical gradient between the USG and LSG at the AF-11S/D, OSMW-4S/D, and AF-9S/D nested series (see Figures D-4, D-5 and D-8) reverted to downward either during the Second Quarter 2013 due to the reduction in the pumping rate of EW-7S or on June 17, 2013 due to the shutdown in the pumping in EW-7S.

A summary of statistical analysis of vertical gradients between the water-bearing units is presented in Tables 5 through 7. The results indicate no significant increasing or decreasing trends that would suggest that flow in the aquifers are not at steady state or that downward vertical gradients are an indication of vertical cross-contamination with the following exceptions:

- The increased downward gradient at OSMW-4S/D (Table 6) is due to the reduction in the pumping rate in and shutdown of EW-7S, which would persist if EW-7S is allowed to continue to pump at a reduced rate or is shut down for an extended time. The redevelopment and startup of EW-7S during the Third Quarter 2013 should reverse this condition and the potential for vertical cross-contamination in the area of EW-7S. Hydraulic and chemical conditions will continue to be closely monitored at this nested well series.

3.1.3 Steady-State and Capture Zone Estimates

Statistical analyses to evaluate steady-state or equilibrium conditions are summarized in Table 8. The results indicate stable to decreasing (negative) trends due to regional decreasing water levels, and no significant variation in flow through the aquifer.

Using groundwater elevation data, and correcting for background conditions, the estimated capture zone of the Perched Zone, USG, and LSG extraction wells is shown in Figures 2 through 4, respectively. The estimated capture zones of the Perched Zone, USG and LSG extraction wells approximate or exceed the capture zones as designed, and the capture zones and drawdowns are indicative of steady-state conditions.

3.2 GROUNDWATER QUALITY DATA

Groundwater quality data were summarized via time-series analyses for individual and nested monitoring wells. Statistical analyses were also conducted to assess pumping risk associated with vertical and/or lateral cross-contamination.

3.2.1 Monitoring Well Data – Cross Contamination Analyses

Field bioparameters (*e.g.*, DO, ORP and pH) are measured to monitor whether pumping is having a detrimental effect on water quality conditions (*i.e.*, cross-contamination and/or reducing the effectiveness of biodegradation processes). Field measurements of DO, ORP and pH from select monitoring wells (Perched Zone, USG and LSG, and nested wells) are summarized in time-series graphs included in Appendix E, as presented in Figures E-1 through E-14. The field data are relatively stable and do not appear to indicate cross-contamination or a reduction in the effectiveness of biodegradation processes within the Perched Zone, USG and LSG.

Groundwater quality data for total VOCs from select monitoring wells are also summarized in time-series graphs included in Appendix E, as presented in Figures E-1 through E-14. These include data for select Perched Zone, USG and LSG, and nested wells. The results were either stable or decreasing with the following exceptions:

- VOC concentrations in AF-9S (E-10) and OSMW-10S (E-13 and E-14), which had been increasing, decreased during the Second Quarter 2013. These wells will continue to be monitored to evaluate these conditions.

A statistical summary of introwell analysis to evaluate the potential for vertical and lateral cross-contamination is presented in Table 9. Statistical analysis of nested and off-site wells for comparison with baseline quality (*i.e.*, TCE-group and TCA-group Upper Tolerance Limits [UTLs]) is summarized. The results are not an indication of vertical or lateral cross-contamination, with the following exceptions:

- OSMW-10S - triggered for the TCE Group by cis 1,2-DCE and VC concentrations, and although still elevated have decreased from levels detected during the last two quarters. These results could be indicative of vertical migration of impacted groundwater in the Perched/USG communication area, and will continue to be monitored and evaluated.
- PMW-3D - triggered for the TCE Group during the April 2, 2013 sampling event, but not the May 7, 2013 sampling event, and is indicative of potential vertical cross-contamination largely due to the cis 1,2-DCE and VC concentrations in this well. Concentrations have dropped below peak concentrations; however, both PMW-3S and PMW-3D will continue to be monitored for changes in TCE-group concentrations at a frequency greater than outlined in the PMP.
- OSMW-8D - triggered for the TCE Group by VC concentrations, but the VC concentration decreased during the Second Quarter 2013 from its high during the First Quarter 2013.

3.2.2 Extraction Well and Influent

Groundwater quality data for extraction wells and IRM system influent samples are included in Appendix F, as presented in Figures F-1 through F-9. Total VOC and individual CVOC concentrations for the combined influent from the active extraction wells are shown in Figure F-1. Total VOC concentrations over time for individual extraction wells are presented in Figure F-2. Time series plots of individual CVOC constituents for each Perched Zone, USG and LSG extraction well are shown in Figures F-3 through F-9. The data indicate steady or decreasing concentrations of CVOCs, except:

- VC concentrations in EW-7S and to a lesser extent EW-8D have increased even as overall CVOCs in these wells have decreased or remained stable¹.

A statistical summary of extraction well and IRM system influent analysis to evaluate the progress of the IRM system is presented in Table 10. The results were either stable (no significant trends) or decreasing (as evident by significant negative trends). The influent analytical data should continue to be monitored during the Third Quarter 2013 to evaluate if the pumping rates of the wells should be adjusted to accommodate varying saturated zone thickness and plume movement within the capture area.

3.2.3 Semi-Annual Monitoring Wells

Historical groundwater analytical results from the sampled wells are summarized in three figures graphically depicting concentrations of TCE, cis-1,2-DCE, 1,1-DCE, VC, TCA, DCA, and total VOCs in the Perched zone (Figure 5), USG (Figure 6), and LSG (Figure 7).

For the majority of semiannual monitoring wells sampled during May 2013, the results for these wells compare favorably (*i.e.*, stable or declining trends) with historical data and the current results, falling below previous maximums or within the range of typical variation for the historical groundwater data (particularly recent historical data since 2009) with the following exceptions:

- **Perched Zone** - wells AF-3P and AF-25P concentrations showed a decreasing trend since system startup, however, concentrations have increased for recent sampling events.
- **USG** - wells AF-5S, OSMW-1S, and OSMW-8S (decreasing trend since system startup, however, concentrations have increased over the past recent sampling events), OSMW-5S (remained similar to the last sampling event, but remained elevated) and OSMW-4S, OSMW-6S, TMW-1S (decreased or remained similar, showing a reversal in recent increasing trends).
- **LSG** - wells OSMW-1D (concentrations increased since last semiannual event, but remain well below peak concentrations established prior to IRM system startup), OSMW-3D, OSMW-4D, OSMW-6D, and OSMW-7D (decreased after increasing last semiannual sampling event), TMW-2D (decreased, showing a reversal in recent increasing trends).

Water quality at the following wells exhibited noteworthy changes (*e.g.*, increase above maximum contaminant level [MCL], an increase of 20% in historical concentrations, or trend reversal) in chemical concentration from the previous recent sampling events:

■ **Perched Zone**

- » AF-3P, and AF-25P - concentrations of 1,1,1-TCA and TCE (and in some cases their daughter products) and cis 1,2-DCE and VC in OSMW-2P have increased since the last semiannual sampling event, but remain below steady-state concentrations established prior to IRM system startup.
- » AF-5P, AF-23P, AF-24P, and H-221 - various individual constituent concentrations had increased in the last semiannual sampling event, but either remained at similar concentrations or decreased, and remained below concentrations established prior to IRM system startup during this semiannual sampling event.

¹ This may indicate degradation of cis 1,2-DCE or capture of more VC impacted groundwater.

However, the TCE in AF-24P increased since last semiannual sampling event, but remained below previous concentrations.

- **USG**

- » OSMW-1S- concentrations increased since the last semiannual sampling event, reversing decreasing trends, but remain well below peak concentrations established prior to IRM system startup.

- **LSG**

- » TMW-2D- concentrations of cis 1,2-DCE and VC decreased since the last semiannual sampling event, reversing the increasing trend from last sampling event.

COPC concentrations for the majority of wells within the second smaller subgroup (*i.e.*, AOC LDMW-1S, AOC PSTMW-1SR, and OSMW-5D) continue to show decreasing or stable concentrations (within the range of typical variation for the historical groundwater data) with the following exceptions:

- AOC PSTMW-2S - the 1,1,1-TCA and TCE concentrations increased since the last semiannual sampling event.
- OSMW-5S - the VC concentration continued to slowly increase, whereas the cis 1,2-DCE concentration remained the same (11 µg/l) as the last two semiannual sampling events.

4 SUMMARY

Groundwater monitoring during the Second Quarter 2013 consisted of the collection and analysis of groundwater level and quality data to evaluate the occurrence of cross-contamination and significant short-term anomalies.

The active pumping continues to reverse the regional downward gradient near the extraction wells, contrasting similar groundwater levels in those nested wells completed in communication areas, and continues to maintain capture zones in the Perched Zone, USG and LSG that approximate, or are greater than, the designed capture zones, meeting an objective of the groundwater IRM.

Groundwater quality data do not show significant trends in VOC concentrations indicative of cross-contamination, based on nested wells completed in the Perched Zone, USG and LSG units.

Highlights of significance since the last monitoring event include:

- PMW-3S/D have shown increasing TCE, cis 1,2-DCE and/or VC concentrations that peaked by June/July 2012 and have since been decreasing, except for TCE in PMW-3S and cis 1,2-DCE in PMW-3D that continue to increase.
- OSMW-10S has shown increasing concentrations of TCE Group constituents, reversing a downward trend last measured in February 2012, but decreased during the Second Quarter 2013 sampling event.
- OSMW-8D has shown increasing concentrations of VC (from 22 µg/l in November 2011 to 46 µg/l in November 2012), but the VC concentrations decreased during the Second Quarter 2013 sampling event (to 43 µg/l).
- There is no apparent increased risk of vertical or lateral (including potential off-site sources of) cross-contamination at the present pumping rates based on available data, except possibly in the area of PMW-3S/D² and OSMW-10S.
- Concentration trends and groundwater flow directions will continue to be monitored, and IRM system optimization will also continue to be evaluated during the Third Quarter 2013.

4.1 SEMI-ANNUAL MONITORING

Analytical results for the May 2013 semiannual sampling event (including groundwater IRM monitoring) showed stable or declining trends in VOC concentrations for the majority of wells when compared with historical and recent data. Increasing VOC concentrations were observed in select monitoring wells associated with plume movement/recovery (AF-3P, AF-5S, AF-24P, AF-25P, and OSMW-2P) related to startup and operation of the groundwater IRM system. Some notable increases in concentrations not apparently related to plume movement or recovery include wells OSMW-1S/D, OSMW-5S, and OSMW-8S.

Wells completed in the USG downgradient of the facility (OSMW-5S and OSMW-8S) continue to show an increase in concentrations of VC and/or cis 1,2-DCE. VC concentrations in OSMW-8D and OSMW-9S decreased during the Second Quarter 2013 from its high during the First Quarter 2013. The concentrations of 1,1,1-TCA and TCE in AOC PSTMW-2S increased since the last semiannual sampling event.

² VC and cis 1,2-DCE increases at PMW3S/D, coupled with a nearby southwesterly groundwater flow direction; suggest potential off-site (to the east) source(s). Recent data may indicate a near-term stabilization or decrease of concentrations. Concentration trends and groundwater flow direction will continue to be monitored at an accelerated frequency.

5 REFERENCES

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Tables

Table 1

GE OHD 000 817 312
GE Aviation_Everdale, Ohio - Groundwater IRM
Location and Frequency of Hydraulic and Chemical Monitoring (2Q-13)

Hydraulic Monitoring		
Group A	Group B	Group C
Recorded every 30 minutes; downloaded quarterly ¹	Manual - quarterly ¹	Manual - quarterly ¹
AF-4P	AF-5P	AF-2P
AF-4S	AF-5S	AF-8S
AF-7P	AF-6P	AF-14P
AF-7S	AF-6S	AF-14S
AF-7D	AF-10P	AF-15D
AF-9S	AF-10S	AF-17D
AF-9D	AF-12P	AF-23P
AF-11S	AF-12S	H-223
AF-11D	AF-12D	OSMW-6D
AF-19S	AF-13P	OSMW-7D
AF-19D	AF-13S	OSMW-9S
AF-25P	AF-20S	
GM-9P	AF-20D	
GM-9S	AF-21D	
GM-9D	OSMW-2P	
OSMW-1P	OSMW-9D	
OSMW-1S	OSMW-11P	
OSMW-1D	OSMW-11S	
OSMW-3S	PMW-2D	
OSMW-3D	PMW-4D	
OSMW-4S	PMW-5P	
OSMW-4D	PMW-6P	
OSMW-10P	TMW-2P	
OSMW-10S	TMW-2S	
OSMW-10D	TMW-2D	
PMW-3P		
PMW-3S		
PMW-3D		
TMW-1P		
TMW-1S		
Groundwater Sampling		
Group D		
Quarterly ^{2,3,4}		
AF-4P	AF-25P	OSMW-11S
AF-4S	OSMW-1P	OSMW-11D
AF-5P	OSMW-1S	OSMW-12P
AF-5S	OSMW-1D	OSMW-13P
AF-6S	OSMW-3S	PMW-2D
AF-7P	OSMW-3D	PMW-3P
AF-7S	OSMW-4S	PMW-3S
AF-7D	OSMW-4D	PMW-3D
AF-9S	OSMW-6D	PMW-4D
AF-11S	OSMW-9S	TMW-1P
AF-11D	OSMW-9D	TMW-1S
AF-13P	OSMW-10P	TMW-1D
AF-13S	OSMW-10S	TMW-2S
AF-19S	OSMW-10D	TMW-2D
AF-19D	OSMW-11P	

¹ Semi-weekly = every half week; Semi-monthly = every half month; Bi-monthly = every two months

² USEPA Methods 8260B as per QAPP (O'Brien & Gere, 2009)

³ Data Validation - Level A for all sampling, except verification re-sampling at Level B (see Appendix C)

⁴ For a complete list of analytes and frequencies, see Table 10 of the Performance Monitoring Plan (O'Brien & Gere, 2010)

Additionally, the following semiannual groundwater sampling program wells that are not also part of the PMP sampling program are hydraulically monitored and sampled during the second and fourth quarterly sampling events: AF-2P, AF-3P, AF-5D, AF-21D, AF-23P, AF-24P, AOC LDMW-1S, AOC PSTMW-1SR, AOC PSTMW-2S, H-221, OSMW-2P, OSMW-5S, OSMW-5D, OSMW-6S, OSMW-7D, OSMW-8S, and OSMW-8D

Table 2

GE OHD 000 817 312

GE Aviation Evendale, Ohio - Groundwater IRM
Well Completion Data - Groundwater Level Monitoring

Water-Bearing Zone	Well ID - Groundwater Level Monitoring				Transducer ³	Northing (feet)	Easting (feet)	Ground Surface Elev (ft)	TOC Elevation (ft)	Inner Casing Diameter (inches)	Well Screen				Total Depth (ft bTOC) ⁴
	Hydraulic Control Monitoring	Progress Monitoring ¹	Semiannual Monitoring ²								Top (ft bgs)	Top (ft msl)	Bottom (ft bgs)	Bottom (ft msl)	
Perched															
	AF-2P	AF-2P	AF-2P			456379.19	1418008.71	562.10	563.39	2.00	28.00	534.10	33.00	529.10	34.46
			AF-3P			456297.40	1417884.19	560.40	561.82	2.00	21.00	539.40	31.00	529.40	32.42
	AF-4P	AF-4P		T	456180.93	1417877.42	560.40	561.90	2.00	24.50	535.90	34.50	525.90	36.21	
	AF-5P	AF-5P	AF-5P		455882.90	1417831.43	559.80	561.22	2.00	28.00	531.80	33.00	526.80	34.75	
	AF-6P	AF-6P			456059.85	1417402.52	559.80	561.68	2.00	27.70	532.10	32.70	527.10	35.34	
	AF-7P	AF-7P	AF-7P	T	455478.24	1417577.30	559.80	561.21	2.00	31.50	528.30	36.50	523.30	37.43	
	AF-10P	AF-10P			456127.64	1416977.53	559.90	561.48	2.00	17.40	542.50	22.40	537.50	23.68	
	AF-12P	AF-12P			456295.77	1416183.22	574.20	575.05	2.00	14.50	559.70	19.50	554.70	20.78	
	AF-13P	AF-13P			456494.02	1416526.13	565.40	566.82	2.00	35.37	530.03	45.37	520.03	32.45	
		AF-14P			456528.73	1416790.19	559.53	558.54	2.00	17.50	542.03	27.50	532.03	28.92	
	AF-23P	AF-23P	AF-23P		457010.00	1417595.00	560.00	559.75	2.00	22.88	537.12	32.88	527.12	32.15	
	AF-24P		AF-24P		456451.17	1417576.18	559.82	558.89	2.00	26.23	533.59	36.23	523.59	35.40	
	AF-25P	AF-25P	AF-25P	T	456074.92	1417500.43	558.40	558.08	2.00	23.27	535.13	33.27	525.13	33.10	
	AF-26P				456122.18	1417674.94	558.30	557.78	2.00	30.96	527.34	40.96	517.34	35.44	
			AOC LDMW-1S		457924.00	1417429.00	556.20	555.81	2.00	13.29	542.91	23.29	532.91	22.90	
			AOC PSTMW-1SR		459022.76	1417784.33	556.91		2.00						
			AOC PSTMW-2S		458993.37	1417998.15	559.90	559.70	2.00	18.50	541.40	28.50	531.40	24.50	
	GM-3P				457074.62	1418304.17	559.50	559.24	2.00	19.30	540.20	29.30	530.20	29.3 ⁵	
	GM-9P	GM-9P		T	457104.10	1417217.11	560.30	559.95	2.00	18.00	542.30	28.00	532.30	27.65	
			H-221		454547.97	1417264.66	554.70	554.37	2.00	20.00	534.70	30.00	524.70	28.65	
	OSMW-1P	OSMW-1P	OSMW-1P	T	455078.23	1417736.02	551.50	554.09	2.00	20.00	531.50	30.00	521.50	32.53	
	OSMW-2P	OSMW-2P	OSMW-2P		455601.82	1417822.50	554.80	557.01	2.00	27.00	527.80	37.00	517.80	38.87	
	OSMW-10P	OSMW-10P		T	455020.27	1417400.34	555.82	558.57	2.00	20.00	535.82	30.00	525.82	32.57	
	OSMW-11P	OSMW-11P			455459.30	1418006.45	552.04	551.71	2.00	13.00	539.04	23.00	529.04	22.93	
	OSMW-12P				455880.25	1418332.91	553.66	553.35	2.00	14.70	538.96	24.70	528.96	24.63	
	OW-1P				455883.50	1417685.55	559.42	559.75	2.00	30.00	529.42	35.00	524.42	35 ⁵	
	PMW-3P	PMW-3P		T	455249.65	1417470.90	557.41	560.10	2.00	16.00	541.41	26.00	531.41	29.07	
	PMW-5P	PMW-5P			1417293.42	455489.81	559.11	558.71	2.00	20.15	538.96	30.15	528.96	29.75	
	PMW-6P	PMW-6P			1417456.08	455769.69	561.50	561.10	2.00	28.57	532.93	38.57	522.93	38.17	
	TMW-1P	TMW-1P		T	455737.69	1417702.75	559.77	562.12	2.00	22.00	537.77	32.00	527.77	33.84	
	TMW-2P	TMW-2P			455595.65	1416931.21	556.94	559.71	2.00	28.50	528.44	33.50	523.44	38.45	

Table 2

GE OHD 000 817 312

GE Aviation Evendale, Ohio - Groundwater IRM
Well Completion Data - Groundwater Level Monitoring

Water-Bearing Zone	Well ID - Groundwater Level Monitoring				Transducer ³	Northing (feet)	Easting (feet)	Ground Surface Elev (ft)	TOC Elevation (ft)	Inner Casing Diameter (inches)	Well Screen				Total Depth (ft bTOC) ⁴	
	Hydraulic Control Monitoring	Progress Monitoring ¹	Semiannual Monitoring ²								Top (ft bgs)	Top (ft msl)	Bottom (ft bgs)	Bottom (ft msl)		
USG																
AF-4S	AF-4S				T	456183.67	1417879.81	560.30	562.22	2.00	43.00	517.30	53.00	507.30	54.03	
AF-5S	AF-5S	AF-5S				455887.32	1417833.15	559.60	561.60	2.00	41.00	518.60	51.00	508.60	51.92	
AF-6S	AF-6S					456056.40	1417402.71	560.10	562.67	2.00	41.00	519.10	51.00	509.10	52.80	
AF-7S	AF-7S	AF-7S	T			455482.27	1417577.68	559.70	562.02	2.00	45.00	514.70	55.00	504.70	56.68	
AF-8S	AF-8S					455524.80	1417088.16	559.10	561.08	2.00	50.00	509.10	50.00	499.10	60.00	
AF-9S	AF-9S	AF-9S	T			455790.53	1416793.04	562.00	564.19	2.00	50.00	512.00	60.00	502.00	61.75	
AF-10S	AF-10S					456134.19	1416979.21	559.90	561.98	2.00	61.00	498.90	71.00	488.90	67.75	
AF-11S	AF-11S		T			456094.23	1416577.99	564.70	565.20	2.00	53.00	511.70	63.00	501.70	63.27	
AF-12S	AF-12S					456295.87	1416186.19	574.00	575.41	2.00	64.00	510.00	74.00	500.00	72.31	
AF-13S	AF-13S					456488.94	1416522.95	565.20	567.91	2.00	46.50	518.70	56.50	508.70	56.5 ⁵	
AF-14S	AF-14S					456526.22	1416788.87	559.50	558.56	2.00	56.50	503.00	66.50	493.00	66.5 ⁵	
AF-19S	AF-19S		T			455823.23	1417037.78	561.60	563.87	2.00	52.40	509.20	62.40	499.20	64.65	
AF-20S	AF-20S					455927.77	1416940.35	559.80	562.47	2.00	59.00	500.80	69.00	490.80	71.57	
GM-9S	GM-9S		T			457108.81	1417214.23	561.00	560.13	2.00	43.00	518.00	53.00	508.00	52.09	
OSMW-1S	OSMW-1S	OSMW-1S	T			455082.59	1417738.59	551.50	554.14	2.00	41.00	510.50	51.00	500.50	52.84	
OSMW-3S	OSMW-3S	OSMW-3S	T			455309.01	1417107.64	557.10	559.91	2.00	54.00	503.10	64.00	493.10	66.60	
OSMW-4S	OSMW-4S	OSMW-4S	T			456144.10	1416386.57	565.50	565.10	2.00	65.00	500.50	75.00	490.50	75.84	
						OSMW-5S	453589.27	1416137.49	576.70	576.44	2.00	63.80	512.90	73.80	502.90	73.54
						OSMW-6S	455149.40	1416267.11	586.61	586.38	2.00	80.00	506.61	90.00	496.61	88.78
						OSMW-8S	454625.51	1415147.34	584.64	584.33	2.00	77.41	507.23	87.41	497.23	86.70
OSMW-9S	OSMW-9S					455705.63	1415409.73	594.66	594.37	2.00	88.80	505.86	98.80	495.86	101.30	
OSMW-10S	OSMW-10S		T			455019.93	1417400.39	555.82	558.59	2.00	47.20	508.62	57.20	498.62	58.20	
OSMW-11S	OSMW-11S					455459.42	1418006.57	552.04	551.64	2.00	37.25	514.79	47.25	504.79	47.20	
PMW-3S	PMW-3S		T			455249.82	1417470.89	557.41	560.12	2.00	44.80	512.61	54.80	502.61	57.40	
TMW-1S	TMW-1S	TMW-1S	T			455739.88	1417703.19	559.78	561.63	2.00	48.30	511.48	58.30	501.48	59.75	
TMW-2S	TMW-2S	TMW-2S				455597.25	1416929.92	557.01	560.15	2.00	40.00	517.01	50.00	507.01	53.08	

Table 2

GE OHD 000 817 312

GE Aviation Evendale, Ohio - Groundwater IRM
Well Completion Data - Groundwater Level Monitoring

Water-Bearing Zone	Well ID - Groundwater Level Monitoring			Transducer ³	Northing (feet)	Easting (feet)	Ground Surface Elev (ft)	TOC Elevation (ft)	Inner Casing Diameter (inches)	Well Screen				Total Depth (ft bTOC) ⁴	
	Hydraulic Control Monitoring	Progress Monitoring ¹	Semiannual Monitoring ²							Top (ft bgs)	Top (ft msl)	Bottom (ft bgs)	Bottom (ft msl)		
LSG															
	AF-1D				456927.14	1417977.19	559.80	559.78	4.00	108.00	451.80	118.00	441.80	118.00	
	AF-5D			AF-5D	455889.87	1417834.37	559.50	561.66	2.00	100.00	459.50	110.00	449.50	108.1	
	AF-7D	AF-7D		AF-7D	T	455489.28	1417578.92	559.70	561.23	4.00	109.00	450.70	119.00	440.70	118.77
	AF-8D				455517.69	1417091.88	559.00	560.73	4.00	86.00	473.00	96.00	463.00	93.72	
	AF-9D	AF-9D			T	455794.33	1416786.95	562.20	563.93	4.00	78.00	484.20	88.00	474.20	93.30
	AF-11D	AF-11D			T	456087.97	1416583.70	564.90	566.27	4.00	92.00	472.90	102.00	462.90	101.79
	AF-12D	AF-12D				456297.35	1416191.94	573.30	575.45	4.00	102.00	471.30	112.00	461.30	111.85
	AF-15D	AF-15D				456991.44	1416851.88	559.80	560.95	4.00	103.00	456.80	113.00	446.80	112.86
	AF-16D					457003.87	1417280.19	560.40	561.83	4.00	91.00	469.40	101.00	459.40	102.57
	AF-17D	AF-17D				456484.75	1417467.78	560.30	561.37	4.00	90.00	470.30	100.00	460.30	99.48
	AF-19D	AF-19D			T	455818.36	1417039.55	561.70	564.10	2.00	81.20	480.50	91.20	470.50	93.40
	AF-20D	AF-20D				455933.76	1416941.09	559.80	562.52	2.00	81.10	478.70	91.10	468.70	93.56
	AF-21D	AF-21D	AF-21D			455941.03	1416777.12	560.00	559.61	2.00	80.00	480.00	90.00	470.00	90.11
	GM-3D					457163.25	1418266.08	560.80	562.47	4.00	138.00	422.80	148.00	412.80	148.00
	GM-5D					457241.00	1416754.00	562.00	564.07	4.00	126.43	455.57	116.43	445.57	116.75 ⁵
	GM-9D	GM-9D			T	457107.93	1417219.35	561.00	560.06	4.00	100.00	461.00	110.00	451.00	109.30
	H-223	H-223				454519.10	1417253.00	555.00	555.60	2.00	154.50	400.50	164.50	390.50	161.51
	OSMW-1D	OSMW-1D	OSMW-1D	T	455082.67	1417738.40	551.10	554.16	2.00	80.00	471.10	90.00	461.10	92.75	
	OSMW-3D	OSMW-3D	OSMW-3D	T	455309.10	1417107.28	557.10	559.91	2.00	131.00	426.10	141.00	416.10	143.31	
	OSMW-4D	OSMW-4D	OSMW-4D	T	456143.93	1416386.96	565.50	565.14	2.00	127.00	438.50	137.00	428.50	135.94	
						452875.51	1416398.42	560.53	560.25	2.00	121.00	439.53	131.00	429.53	130.72
	OSMW-6D	OSMW-6D	OSMW-6D			455147.40	1416265.11	586.38	586.08	2.00	149.77	436.61	159.77	426.61	162.20
	OSMW-7D	OSMW-7D	OSMW-7D			456711.82	1415686.05	592.44	592.09	2.00	141.00	451.44	151.00	441.44	148.80
						454625.45	1415147.03	584.64	584.34	2.00	175.30	409.34	185.30	399.34	187.20
	OSMW-9D	OSMW-9D				455705.86	1415409.84	594.66	594.39	2.00	166.00	428.66	176.00	418.66	175.60
	OSMW-10D	OSMW-10D			T	455020.11	1417400.16	555.82	558.61	2.00	130.00	425.82	140.00	415.82	142.63
	OSMW-11D					455459.26	1418006.71	552.04	551.72	2.00	81.00	471.04	91.00	461.04	90.30
	OSMW-11DD					455459.02	1418006.62	552.04	551.68	2.00	140.00	412.04	150.00	402.04	149.83
	OSMW-12D					455880.20	1418333.14	553.66	553.29	2.00	123.00	430.66	133.00	420.66	133.76
	OSMW-12DD					455880.36	1418333.21	553.66	553.18	2.00	141.00	412.66	151.00	402.66	149.20
	OSMW-13D					455241.33	1417853.92	552.03	551.82	2.00	96.00	456.03	106.00	446.03	103.65
	OSMW-13DD					455241.62	1417854.06	552.03	551.70	2.00	142.00	410.03	152.00	400.03	151.84
	OW-3D					455360.77	1417112.74	557.72	557.43	2.00	135.00	422.72	140.00	417.72	140 ⁵
	OW-4D					455422.91	1417165.94	559.68	559.41	2.00	135.00	424.68	140.00	419.68	140 ⁵
	PMW-2D	PMW-2D				456024.30	1417902.40	560.05	562.47	2.00	125.00	435.05	135.00	425.05	139.70
	PMW-3D	PMW-3D			T	455249.80	1417471.07	557.41	560.04	2.00	126.00	431.41	136.00	421.41	139.75
	PMW-4D	PMW-4D				456424.32	1416617.44	564.33	567.25	2.00	130.00	434.33	140.00	424.33	142.51
	TMW-1D		TMW-1D			455740.26	1417702.92	559.78	562.02	2.00	94.30	465.48	104.30	455.48	106.45
	TMW-2D	TMW-2D	TMW-2D			455597.15	1416930.07	557.01	559.86	2.00	117.30	439.71	127.30	429.71	129.32

Notes

¹ Second Quarter 2013: Progress Monitoring in the Perched, USG and LSG.² Semiannual sampling occurs in the second and fourth quarters.³ T = Transducer; Blank = Manual.⁴ Total depths from ground surface (GM-3P, OW-1P, AF-13S, AF-14S, GM-5D, OW-3D, OW-4D)

Table 3

GE OHD 000 817 312
GE Aviation Evendale, Ohio - Groundwater IRM
Well Completion Data - Groundwater Quality Monitoring

Water-Bearing Zone	Well ID - VOC Sampling			Northing (feet)	Easting (feet)	Ground Surface Elev (ft)	TOC Elevation (ft)	Inner Casing Diameter	Well Screen				Total Depth (ft bTOC) ³
	Hydraulic Control Monitoring	Progress Monitoring ¹	Semiannual Monitoring ²						Top (ft bgs)	Top (ft msl)	Bottom (ft bgs)	Bottom (ft msl)	
Perched													
			AF-2P	456379.19	1418008.71	562.10	563.39	2.00	28.00	534.10	33.00	529.10	34.46
			AF-3P	456297.40	1417884.19	560.40	561.82	2.00	21.00	539.40	31.00	529.40	32.42
AF-4P	AF-4P		456180.93	1417877.42	560.40	561.90	2.00	24.50	535.90	34.50	525.90	36.21	
	AF-5P	AF-5P	455882.90	1417831.43	559.80	561.22	2.00	28.00	531.80	33.00	526.80	34.75	
AF-7P	AF-7P	AF-7P	455478.24	1417577.30	559.80	561.21	2.00	31.50	528.30	36.50	523.30	37.43	
AF-13P	AF-13P		456494.02	1416526.13	565.40	566.82	2.00	3.13	562.27	13.13	552.27	15.4 ³	
		AF-23P	457010.00	1417595.00	560.00	559.75	2.00	22.88	537.12	32.88	527.12	32.15	
		AF-24P	456451.17	1417576.18	559.82	558.89	2.00	26.23	533.59	36.23	523.59	35.40	
AF-25P	AF-25P	AF-25P	456074.92	1417500.43	558.40	558.08	2.00	23.27	535.13	33.27	525.13	33.10	
		AOC LDMW-1S	457924.00	1417429.00	556.20	555.81	2.00	13.29	542.91	23.29	532.91	22.90	
		AOC PSTMW-1SR	459022.76	1417784.33	556.91		2.00						
		AOC PSTMW-2S	458993.37	1417998.15	559.90	559.70	2.00	18.50	541.40	28.50	531.40	24.50	
		H-221	454547.97	1417264.66	554.70	554.37	2.00	20.00	534.70	30.00	524.70	28.65	
	OSMW-1P	OSMW-1P	455078.23	1417736.02	551.50	554.09	2.00	20.00	531.50	30.00	521.50	32.53	
		OSMW-2P	455601.82	1417822.50	554.80	557.01	2.00	27.00	527.80	37.00	517.80	38.87	
	OSMW-10P		455020.27	1417400.34	555.82	558.57	2.00	20.00	535.82	30.00	525.82	32.57	
	OSMW-11P		455459.30	1418006.45	552.04	551.71	2.00	13.00	539.04	23.00	529.04	22.93	
	OSMW-12P		455880.25	1418332.91	553.66	553.35	2.00	14.70	538.96	24.70	528.96	24.63	
	OSMW-13P		455241.47	1417854.22	552.03	551.75	2.00	22.00	530.03	32.00	520.03	32.45	
PMW-3P	PMW-3P		455249.65	1417470.90	557.41	560.10	2.00	16.00	541.41	26.00	531.41	29.07	
TMW-1P	TMW-1P		455737.69	1417702.75	559.77	562.12	2.00	22.00	537.77	32.00	527.77	33.84	
USG													
	AF-4S	AF-4S		456183.67	1417879.81	560.30	562.22	2.00	43.00	517.30	53.00	507.30	54.03
		AF-5S	AF-5S	455887.32	1417833.15	559.60	561.60	2.00	41.00	518.60	51.00	508.60	51.92
AF-6S	AF-6S			456056.4	1417402.71	560.10	562.67	2.00	41.00	519.10	51.00	509.10	52.80
AF-7S	AF-7S	AF-7S	AF-7S	455482.27	1417577.68	559.70	562.02	2.00	45.00	514.70	55.00	504.70	56.68
AF-9S	AF-9S	AF-9S	AF-9S	455790.53	1416793.04	562.00	564.19	2.00	50.00	512.00	60.00	502.00	61.75
AF-11S	AF-11S	AF-11S		456094.23	1416577.99	564.70	565.20	2.00	53.00	511.70	63.00	501.70	63.27
AF-13S	AF-13S			456488.94	1416522.95	565.20	567.91	2.00	45.60	519.60	55.60	509.60	55.6 ³
AF-19S	AF-19S			455823.23	1417037.78	561.60	563.87	2.00	52.40	509.20	62.40	499.20	64.65
OSMW-1S	OSMW-1S	OSMW-1S	455082.59	1417738.59	551.50	554.14	2.00	41.00	510.50	51.00	500.50	52.84	
OSMW-3S	OSMW-3S	OSMW-3S	455309.01	1417107.64	557.10	559.91	2.00	54.00	503.10	64.00	493.10	66.60	
OSMW-4S	OSMW-4S	OSMW-4S	456144.10	1416386.57	565.50	565.10	2.00	65.00	500.50	75.00	490.50	75.84	
		OSMW-5S	453589.27	1416137.49	576.70	576.44	2.00	63.80	512.90	73.80	502.90	73.54	
		OSMW-6S	455149.40	1416267.11	586.61	586.38	2.00	80.00	506.61	90.00	496.61	88.78	
		OSMW-8S	454625.51	1415147.34	584.64	584.33	2.00	77.41	507.23	87.41	497.23	86.70	
		OSMW-9S		455705.63	1415409.73	594.66	594.37	2.00	88.80	505.86	98.80	495.86	101.30
		OSMW-10S		455019.93	1417400.39	555.82	558.59	2.00	47.20	508.62	57.20	498.62	58.20
		OSMW-11S		455459.42	1418006.57	552.04	551.64	2.00	37.25	514.79	47.25	504.79	47.20
PMW-3S	PMW-3S			455249.82	1417470.89	557.41	560.12	2.00	44.80	512.61	54.80	502.61	57.40
TMW-1S	TMW-1S	TMW-1S	455739.88	1417703.19	559.78	561.63	2.00	48.30	511.48	58.30	501.48	59.75	
TMW-2S	TMW-2S	TMW-2S	455597.25	1416929.92	557.01	560.15	2.00	40.00	517.01	50.00	507.01	53.08	

Table 3

GE OHD 000 817 312
GE Aviation Evendale, Ohio - Groundwater IRM
Well Completion Data - Groundwater Quality Monitoring

Water-Bearing Zone	Well ID - VOC Sampling			Northing (feet)	Easting (feet)	Ground Surface Elev (ft)	TOC Elevation (ft)	Inner Casing Diameter	Well Screen				Total Depth (ft bTOC) ³
	Hydraulic Control Monitoring	Progress Monitoring ¹	Semiannual Monitoring ²						Top (ft bgs)	Top (ft msl)	Bottom (ft bgs)	Bottom (ft msl)	
LSG													
			AF-5D	455889.87	1417834.37	559.50	561.66	2.00	100.00	459.50	110.00	449.50	108.10
AF-7D	AF-7D	AF-7D	455489.28	1417578.92	559.70	561.23	4.00	109.00	450.70	119.00	440.70	118.77	
AF-9D			455794.33	1416786.95	562.20	563.93	4.00	78.00	484.20	88.00	474.20	93.30	
AF-11D	AF-11D		456087.97	1416583.70	564.90	566.27	4.00	92.00	472.90	102.00	462.90	101.79	
AF-19D	AF-19D		455818.36	1417039.55	561.70	564.10	2.00	81.20	480.50	91.20	470.50	93.40	
		AF-21D	455941.03	1416777.12	560.00	559.61	2.00	80.00	480.00	90.00	470.00	90.11	
OSMW-1D	OSMW-1D	OSMW-1D	455082.67	1417738.40	551.10	554.16	2.00	80.00	471.10	90.00	461.10	92.75	
OSMW-3D	OSMW-3D	OSMW-3D	455309.10	1417107.28	557.10	559.91	2.00	131.00	426.10	141.00	416.10	143.31	
OSMW-4D	OSMW-4D	OSMW-4D	456143.93	1416386.96	565.50	565.14	2.00	127.00	438.50	137.00	428.50	135.94	
		OSMW-5D	452875.51	1416398.42	560.53	560.25	2.00	121.00	439.53	131.00	429.53	130.72	
		OSMW-6D	455147.40	1416265.11	586.38	586.08	2.00	149.77	436.61	159.77	426.61	162.20	
		OSMW-7D	456711.82	1415686.05	592.44	592.09	2.00	141.00	451.44	151.00	441.44	148.80	
		OSMW-8D	454625.45	1415147.03	584.64	584.34	2.00	175.30	409.34	185.30	399.34	187.20	
OSMW-9D	OSMW-9D		455705.86	1415409.84	594.66	594.39	2.00	166.00	428.66	176.00	418.66	175.60	
OSMW-10D	OSMW-10D		455020.11	1417400.16	555.82	558.61	2.00	130.00	425.82	140.00	415.82	142.63	
		OSMW-11D		455459.26	1418006.71	552.04	551.72	2.00	81.00	471.04	91.00	461.04	90.30
		PMW-2D		456024.30	1417902.40	560.05	562.47	2.00	125.00	435.05	135.00	425.05	139.70
PMW-3D	PMW-3D			455249.80	1417471.07	557.41	560.04	2.00	126.00	431.41	136.00	421.41	139.75
PMW-4D	PMW-4D			456424.32	1416617.44	564.33	567.25	2.00	130.00	434.33	140.00	424.33	142.51
	TMW-1D	TMW-1D	455740.26	1417702.92	559.78	562.02	2.00	94.30	465.48	104.30	455.48	106.45	
TMW-2D	TMW-2D	TMW-2D	455597.15	1416930.07	557.01	559.86	2.00	117.30	439.71	127.30	429.71	129.32	

Notes ¹ Second Quarter 2013: Progress Monitoring in the Perched, USG and LSG.

² Semiannual sampling occurs in the second and fourth quarters.

³ Total depths from ground surface (GM-3P, OW-1P, AF-13S, AF-14S, GM-5D, OW-3D, OW-4D).

Table 4

GE OHD 000 817 312
GE Aviation_Evendale, Ohio - Groundwater IRM
Summary of Groundwater Sampling Results (1Q-13) - Detected Parameters Only

Location Sample Date	AF-11D 5/7/2013	AF-11S 5/7/2013	AF-13P 5/7/2013	AF-13S 5/7/2013	AF-19D 5/7/2013	AF-19S 5/7/2013	AF-21D 5/8/2013	AF-23P 5/8/2013	AF-24P 5/8/2013	AF-25P 5/8/2013	AF-2P 5/8/2013	AF-3P 5/8/2013	AF-4P 5/7/2013	AF-4S 5/7/2013	AF-5D 5/9/2013		
FIELD PARAMETERS units																	
pH	S.U.	7.57	7.37	6.78	7.70	7.18	7.50	7.53	7.39	7.10	7.36	6.97	6.61	7.66	7.21	7.15	
Conductivity (mS/cm)	mS/cm	0.738	0.74	0.481	0.784	0.766	0.839	1.221	0.846	3.861	2.805	1.092	0.769	0.793	1.03	0.951	
Turbidity (NTUs)	NTUs	NM	NM	NM	NM	NM	NM	NM									
DO (mg/L)	mg/L	0.96	0.27	0.30	0.20	0.13	0.14	0.30	0.31	0.21	0.25	0.24	0.23	0.38	1.23	0.85	
Temperature (°C)	Deg C	15.95	16.65	13.98	17.11	16.54	17.14	16.40	21.03	19.68	19.78	16.54	16.59	16.84	16.57	14.51	
ORP (mV)	mV	-267.2	-129.8	-142.5	-211.8	-168.8	-196.8	-169.4	-122.6	-128.0	-166.5	-32.1	-69.9	20.8	-140.1	-126.3	
DETECTABLE VOCs units																	
1,1,1-Trichloroethane	ug/l	< 1	< 1	< 1	< 1	< 1	< 1	< 1	240	330	190	2.2	51	50	< 1	< 1	
1,1,2-Trichloroethane	ug/l	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 5	< 2	< 1	< 1	< 2	< 1	< 1	
1,1-Dichloroethane	ug/l	< 1	< 1	< 1	< 1	< 1	< 1	< 1	47	120	14	7.1	5.9	6.6	3.2	< 1	
1,1-Dichloroethene	ug/l	< 1	< 1	< 1	< 1	< 1	< 1	< 1	12	46	21	< 1	6.4	1	J	< 1	
2-Butanone (MEK)	ug/l	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 50	< 20	< 10	< 10	4.4	J	4.9	J
Acetone	ug/l	< 10	3.1	J	< 10	< 10	< 10	3.3	J	4.4	J	3.5	J	< 50	< 20	4	J
Benzene	ug/l	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 5	1.2	J	< 1	< 1	< 2	1.4	< 1
Carbon Disulfide	ug/l	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 5	< 2	< 1	< 1	< 2	< 1	< 1	
Chloroethane	ug/l	0.51	J	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	91	< 1	< 1	< 2	0.36	J
Chloroform	ug/l	< 1	< 1	< 1	< 1	< 1	< 1	< 1	4.1	< 5	< 2	< 1	1.7	1.6	J	< 1	< 1
cis-1,2-Dichloroethene	ug/l	< 1	3.4	< 1	35	< 1	< 1	< 1	14	230	9.2	< 1	6.5	3.3	3.4	< 1	
Tetrachloroethene	ug/l	< 1	< 1	< 1	< 1	< 1	< 1	< 1	4.7	5.6	3.3	< 1	8.3	13	< 1	< 1	
trans-1,2-Dichloroethene	ug/l	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.91	J	< 5	3.3	< 1	< 1	< 2	< 1	
Trichloroethene	ug/l	< 1	< 1	< 1	< 1	< 1	< 1	< 1	290	260	230	37	100	96	0.47	J	< 1
Vinyl chloride	ug/l	1.4	7.8	< 1	1.7	< 1	17	< 1	< 1	< 5	< 2	< 1	< 1	< 2	7.5	< 1	

Notes:

1) J = Estimated

2) NM = Not Measured

Table 4

GE OHD 000 817 312
GE Aviation_Evendale, Ohio - Groundwater IRM
Summary of Groundwater Sampling Results (1Q-13) - Detected Parameters Only

Location Sample Date	AF-5P 5/9/2013	AF-5S 5/9/2013	AF-6S 5/7/2013	AF-7D 5/8/2013	AF-7P 5/8/2013	AF-7S 5/8/2013	AF-9S 5/9/2013	AOC LDMW-1S 5/8/2013	AOC PSTMW-1SR 5/13/2013	AOC PSTMW-2S 5/8/2013	H-221 5/9/2013	OSMW-10D 5/7/2013	OSMW-10P 5/7/2013
FIELD PARAMETERS	units												
pH	S.U.	6.98	7.16	7.34	7.34	6.84	7.28	6.97	6.25	6.78	6.89	6.86	6.86
Conductivity (mS/cm)	mS/cm	1.093	1.013	0.849	1.07	1.147	0.886	0.866	0.836	3.26	2.587	1.119	1.044
Turbidity (NTUs)	NTUs	NM	NM	NM	NM	NM	NM						
DO (mg/L)	mg/L	1.33	0.70	0.20	1.50	2.33	1.11	0.96	0.42	0.94	1.12	0.93	0.17
Temperature (°C)	Deg C	16.16	16.47	19.26	14.71	18.11	17.56	16.82	20.09	15.69	16.81	16.70	14.95
ORP (mV)	mV	-7.4	-157.7	-168.6	-135.7	-137.5	-144.2	-121.3	-5.2	-72.5	32.0	-50.8	-89.1
DETECTABLE VOCs	units												
1,1,1-Trichloroethane	ug/l	24	< 1	< 1	< 1	6.3	< 10	< 1	410	< 1	27	37	2.5
1,1,2-Trichloroethane	ug/l	< 2	< 1	< 1	< 1	< 1	< 10	< 1	0.71 J	< 1	< 1	< 1	< 1
1,1-Dichloroethane	ug/l	4.1	5.8	< 1	< 1	11	18	1.6	25	< 1	< 1	3.2	0.57 J
1,1-Dichloroethene	ug/l	4.1	0.58 J	< 1	< 1	< 1	5 J	< 1	14	< 1	0.59 J	5.8	0.79 J
2-Butanone (MEK)	ug/l	< 20	< 10	< 10	< 10	< 10	< 100	< 10	< 10	< 10	< 10	< 10	< 10
Acetone	ug/l	< 20	< 10	< 10	< 10	< 10	< 100	< 10	7.3 J	4.9 J	4.6 J	6.9 J	< 10
Benzene	ug/l	< 2	0.5 J	< 1	< 1	< 1	< 10	< 1	< 1	< 1	< 1	< 1	< 1
Carbon Disulfide	ug/l	< 2	< 1	< 1	< 1	< 1	< 10	< 1	< 1	< 1	< 1	< 1	< 1
Chloroethane	ug/l	< 2	0.48 J	< 1	< 1	< 1	< 10	< 1	0.74 J	< 1	< 1	< 1	< 1
Chloroform	ug/l	< 2	< 1	< 1	< 1	< 1	< 10	< 1	3.2	< 1	< 1	< 1	< 1
cis-1,2-Dichloroethene	ug/l	2.8	3.3	< 1	< 1	16	670	2.2	5.2	< 1	< 1	2.7	7.2
Tetrachloroethene	ug/l	1.5 J	< 1	< 1	< 1	< 1	< 10	< 1	2.3	< 1	< 1	< 1	0.39 J
trans-1,2-Dichloroethene	ug/l	< 2	< 1	< 1	< 1	< 1	< 10	< 1	< 1	< 1	< 1	< 1	< 1
Trichloroethene	ug/l	120	< 1	< 1	< 1	7.7	< 10	< 1	340	< 1	7.6	68	3.2
Vinyl chloride	ug/l	< 2	48	< 1	< 1	< 1	660	20	< 1	< 1	< 1	1	2.3

Notes:

1) J = Estimated

2) NM = Not Measured

Table 4

GE OHD 000 817 312
GE Aviation_Evendale, Ohio - Groundwater IRM
Summary of Groundwater Sampling Results (1Q-13) - Detected Parameters Only

Location Sample Date	OSMW-10S 5/7/2013	OSMW-11D 5/7/2013	OSMW-11P 5/7/2013	OSMW-11S 5/7/2013	OSMW-12P 5/7/2013	OSMW-13P 5/7/2013	OSMW-1D 5/9/2013	OSMW-1P 5/9/2013	OSMW-1S 5/9/2013	OSMW-2P 5/9/2013	OSMW-3D 5/8/2013	OSMW-3S 5/8/2013	OSMW-4D 5/8/2013	OSMW-4S 5/8/2013	
FIELD PARAMETERS	units														
pH	S.U.	7.04	7.15	7.07	6.99	7.02	6.97	7.18	6.64	6.94	7.12	6.95	7.20	7.10	6.90
Conductivity (mS/cm)	mS/cm	0.999	1.233	1.02	1.302	0.861	1.181	1.371	1.406	1.325	1.373	0.426	0.908	0.945	1.004
Turbidity (NTUs)	NTUs	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
DO (mg/L)	mg/L	0.13	0.24	0.22	0.25	0.34	0.21	0.62	1.23	0.71	0.80	0.64	0.78	0.16	0.25
Temperature (° C)	Deg C	17.43	14.50	15.28	15.70	15.02	16.63	15.30	15.86	16.24	16.69	15.84	17.56	15.53	16.73
ORP (mV)	mV	-99.3	-128.6	-118.2	-82.7	-118.4	-89.8	-144.0	-6.7	-111.8	-113.2	-103.6	-130.2	-127.3	-128.5
DETECTABLE VOCs	units														
1,1,1-Trichloroethane	ug/l	120	< 4	< 1	< 4	3.6	< 1	< 1	< 1	< 4	< 1	< 1	< 1	< 1	< 1
1,1,2-Trichloroethane	ug/l	< 2	< 4	< 1	< 4	< 1	< 1	< 1	< 1	< 4	< 1	< 1	< 1	< 1	< 1
1,1-Dichloroethane	ug/l	35	28	2.6	29	2	3.1	3	2.4	4.5	6.7	4.2	< 1	8.7	0.86 J
1,1-Dichloroethene	ug/l	21	2.3 J	< 1	2.8 J	< 1	< 1	< 1	< 1	3.1 J	< 1	< 1	< 1	1.5	< 1
2-Butanone (MEK)	ug/l	< 20	< 40	< 10	< 40	< 10	< 10	< 10	< 10	< 40	< 10	< 10	< 10	< 10	< 10
Acetone	ug/l	< 20	< 40	< 10	< 40	3.4 J	< 10	3.1 J	< 10	< 40	6 J	< 10	< 10	< 10	< 10
Benzene	ug/l	< 2	< 4	< 1	< 4	< 1	< 1	< 1	< 1	< 4	0.43 J	1.2	< 1	< 1	< 1
Carbon Disulfide	ug/l	< 2	< 4	< 1	< 4	< 1	< 1	< 1	< 1	< 4	< 1	< 1	< 1	< 1	< 1
Chloroethane	ug/l	< 2	< 4	< 1	< 4	< 1	< 1	< 1	< 1	< 4	< 1	< 1	< 1	< 1	< 1
Chloroform	ug/l	< 2	< 4	< 1	< 4	< 1	< 1	< 1	< 1	< 4	< 1	< 1	< 1	< 1	< 1
cis-1,2-Dichloroethene	ug/l	56	230	1.5	230	< 1	1.2	41	< 1	270	27	1.4	0.94 J	39	< 1
Tetrachloroethene	ug/l	< 2	< 4	< 1	< 4	< 1	< 1	< 1	< 1	< 4	< 1	< 1	< 1	< 1	< 1
trans-1,2-Dichloroethene	ug/l	< 2	4.6	< 1	5	< 1	< 1	< 1	< 1	< 4	< 1	< 1	< 1	12	< 1
Trichloroethene	ug/l	37	20	< 1	18	4.4	< 1	< 1	< 1	< 4	< 1	1.7	< 1	< 1	0.65 J
Vinyl chloride	ug/l	25	3.7 J	< 1	4	< 1	< 1	61	< 1	180	33	3.2	3.2	50	1.3

Notes:

1) J = Estimated

2) NM = Not Measured

Table 4

GE OHD 000 817 312
GE Aviation_Evendale, Ohio - Groundwater IRM
Summary of Groundwater Sampling Results (1Q-13) - Detected Parameters Only

Location Sample Date	OSMW-5D 5/9/2013	OSMW-5S 5/9/2013	OSMW-6D 5/9/2013	OSMW-6S 5/9/2013	OSMW-7D 5/9/2013	OSMW-8D 5/8/2013	OSMW-8S 5/8/2013	OSMW-9D 5/7/2013	OSMW-9S 5/7/2013	PMW-2D 5/7/2013	PMW-3D 4/2/2013	PMW-3D 5/7/2013	
FIELD PARAMETERS	units												
pH	S.U.	7.19	7.15	7.44	7.13	6.87	7.41	11.85	6.93	6.98	7.07	6.99	6.60
Conductivity (mS/cm)	mS/cm	1.222	1.116	0.753	0.763	0.321	0.863	4.7	0.904	1.292	0.903	0.605	0.78
Turbidity (NTUs)	NTUs	NM	NM	nm	NM	NM							
DO (mg/L)	mg/L	0.84	0.90	0.96	0.99	1.17	0.08	0.50	0.24	0.36	0.25	0.49	0.14
Temperature (°C)	Deg C	14.76	15.72	15.00	16.72	14.88	19.95	16.37	15.62	16.72	14.02	14.43	14.65
ORP (mV)	mV	-126.0	-128.4	-186.9	-148.7	-91.2	-140.7	-145.8	-186.8	-155.9	-107.3	-120.9	-139.8
DETECTABLE VOCs	units												
1,1,1-Trichloroethane	ug/l	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 2	< 1	37	32
1,1,2-Trichloroethane	ug/l	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 2
1,1-Dichloroethane	ug/l	< 2	1.8	3.4	1.8	< 1	< 1	3.8	< 1	1.5 J	< 1	22	19
1,1-Dichloroethene	ug/l	1.3 J	0.59 J	0.71 J	5.4	< 1	< 1	< 1	< 1	1.8 J	< 1	3.4	0.71 J
2-Butanone (MEK)	ug/l	< 20	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 20	5 J	< 10	< 20
Acetone	ug/l	6.9 J	6 J	< 10	8.8 J	4.8 J	3 J	3.4 J	< 10	< 20	48	< 10	< 20
Benzene	ug/l	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 2	< 1	0.62 J	< 2
Carbon Disulfide	ug/l	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 2	< 1	0.2 J	< 2
Chloroethane	ug/l	< 2	< 1	1.9	3	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 2
Chloroform	ug/l	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 2
cis-1,2-Dichloroethene	ug/l	170	11	7	33	< 1	1	0.84 J	< 1	77	< 1	130	100
Tetrachloroethene	ug/l	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 2
trans-1,2-Dichloroethene	ug/l	4.7	0.94 J	< 1	< 1	< 1	< 1	< 1	< 1	< 2	< 1	1.2	< 2
Trichloroethene	ug/l	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 2	< 1	17	16
Vinyl chloride	ug/l	11	9	42	8.5	1.5	43	6.7	14	150	< 1	140	79

Notes:

1) J = Estimated

2) NM = Not Measured

Table 4

GE OHD 000 817 312
GE Aviation_Evendale, Ohio - Groundwater IRM
Summary of Groundwater Sampling Results (1Q-13) - Detected Parameters Only

Location Sample Date	PMW-3P 5/7/2013	PMW-3S 4/2/2013	PMW-3S 5/7/2013	PMW-4D 5/7/2013	TMW-1D 5/8/2013	TMW-1P 5/7/2013	TMW-1S 5/8/2013	TMW-2D 5/8/2013	TMW-2S 5/8/2013
FIELD PARAMETERS	units								
pH	S.U.	6.74	6.76	7.11	7.31	6.94	7.39	7.04	7.06
Conductivity (mS/cm)	mS/cm	0.929	0.407	0.66	0.795	1.667	1.327	1.807	1.087
Turbidity (NTUs)	NTUs	NM							
DO (mg/L)	mg/L	1.44	0.58	0.23	0.30	0.22	0.68	0.33	0.83
Temperature (°C)	Deg C	17.41	17.00	17.51	15.56	15.14	17.89	17.25	15.42
ORP (mV)	mV	15.1	-112.7	-52.2	-145.9	-134.9	13.5	-131.1	-155.9
DETECTABLE VOCs	units								
1,1,1-Trichloroethane	ug/l	140	16	14	< 1	< 1	240	< 1	< 5
1,1,2-Trichloroethane	ug/l	< 5	< 1	< 1	< 1	< 1	< 5	< 1	< 5
1,1-Dichloroethane	ug/l	16	21	19	< 1	< 1	100	< 1	< 5
1,1-Dichloroethene	ug/l	5.8	0.53 J	0.44 J	< 1	< 1	16	< 1	< 5
2-Butanone (MEK)	ug/l	< 50	< 10	< 10	< 10	< 10	< 50	< 10	< 50
Acetone	ug/l	< 50	< 10	4.8 J	< 10	< 10	< 50	< 10	< 50
Benzene	ug/l	< 5	< 1	< 1	< 1	< 1	< 5	< 1	2.3 J
Carbon Disulfide	ug/l	< 5	< 1	< 1	< 1	< 1	< 5	< 1	< 5
Chloroethane	ug/l	< 5	< 1	< 1	< 1	< 1	< 5	< 1	< 5
Chloroform	ug/l	< 5	0.39 J	< 1	< 1	< 1	< 5	< 1	< 5
cis-1,2-Dichloroethene	ug/l	270	39	32	< 1	< 1	58	1.5	340
Tetrachloroethene	ug/l	< 5	< 1	< 1	< 1	< 1	< 5	< 1	< 5
trans-1,2-Dichloroethene	ug/l	< 5	< 1	< 1	< 1	< 1	< 5	< 1	110
Trichloroethene	ug/l	79	99	80	< 1	< 1	340	< 1	2.9 J
Vinyl chloride	ug/l	< 5	< 1	< 1	4.1	< 1	81	6	39

Notes:

1) J = Estimated

2) NM = Not Measured

Table 5

GE OHD 000 817 312
 GE Aviation_Evendale, Ohio - Groundwater IRM
 Statistical Summary of Vertical Gradient Analysis - Perched to USG

PERCHED-USG STATS.	AF-4	AF-7	GM-9
Is Slope Less than the Error?	YES	YES	YES
Number of Data Points	8	8	8
Slope	0.000	0.000	0.000
Intercept	-2.3261	-3.2178	0.2343
Standard Error of Estimates	0.005	0.009	0.000
X Variable Coefficient	0.00005607	0.00007726	-0.00000475
P-Value	0.464	0.557	0.000
Trend Analysis	No Significant Trend	No Significant Trend	Significant Negative Trend
Magnitude	0.015	0.026	0.0004
Summary (0.5 ft change in water level during monitoring period)	Continue Monitoring	Continue Monitoring	Continue Monitoring
Summary (0.2 ft change in water level during monitoring period)	Continue Monitoring	Continue Monitoring	Continue Monitoring

Note:

a positive trend indicates an increased downward vertical gradient

a negative trend indicates an increased upward vertical gradient

Table 5

GE OHD 000 817 312
 GE Aviation_Evendale, Ohio - Groundwater IRM
 Statistical Summary of Vertical Gradient Analysis - Perched to USG

PERCHED -USG STATS.	OSMW-1	OSMW-10	PMW-3
Is Slope Less than the Error?	YES	YES	YES
Number of Data Points	8	8	8
Slope	0.000	0.000	0.000
Intercept	4.4062	0.0038	-0.1281
Standard Error of Estimates	0.007	0.006	0.006
X Variable Coefficient	-0.00010662	-0.00000011	0.00000306
P-Value	0.311	0.999	0.971
Trend Analysis	No Significant Trend	No Significant Trend	No Significant Trend
Magnitude	0.018	0.016	0.015
Summary (0.5 ft change in water level during monitoring period)	Continue Monitoring	Continue Monitoring	Continue Monitoring
Summary (0.2 ft change in water level during monitoring period)	Continue Monitoring	Continue Monitoring	Continue Monitoring

Note:

a positive trend indicates an increased downward vertical gradient

a negative trend indicates an increased upward vertical gradient

Table 6

GE OHD 000 817 312
 GE Aviation_Evendale, Ohio - Groundwater IRM
 Statistical Summary of Vertical Gradient Analysis - USG to LSG

USG - LSG STATS.	AF-7	AF-9	AF-11	AF-19
Is the Slope Less than the Error?	YES	YES	YES	YES
Number of Data Points	8	8	8	8
Slope	0.000	0.000	0.000	0.000
Intercept	-1.4130	-0.0065	-1.1900	-0.6392
Standard Error of Estimates	0.001	0.002	0.002	0.002
X Variable Coefficient	0.00003489	0.00000019	0.00002874	0.00001550
P-Value	0.130	0.995	0.324	0.572
Trend Analysis	No Significant Trend	No Significant Trend	No Significant Trend	No Significant Trend
Magnitude	0.004	0.006	0.006	0.005
Summary (0.5 ft change in water level during monitoring period)	Continue Monitoring	Continue Monitoring	Continue Monitoring	Continue Monitoring
Summary (0.2 ft change in water level during monitoring period)	Continue Monitoring	Continue Monitoring	Continue Monitoring	Continue Monitoring

Note:

a positive trend indicates an increased downward vertical gradient

a negative trend indicates an increased upward vertical gradient

Table 6

GE OHD 000 817 312
 GE Aviation_Evendale, Ohio - Groundwater IRM
 Statistical Summary of Vertical Gradient Analysis - USG to LSG

USG - LSG STATS.	GM-9	OSMW-1	OSMW-3
Is the Slope Less than the Error?	YES	YES	YES
Number of Data Points	8	8	8
Slope	0.000	0.000	0.000
Intercept	-1.3490	0.5197	-0.6149
Standard Error of Estimates	#NUM!	0.003	0.000
X Variable Coefficient	0.00003378	-0.00001162	0.00001511
P-Value	0.000	0.791	0.014
Trend Analysis	Significant Positive Trend	No Significant Trend	Significant Positive Trend
Magnitude	0.00260	0.008	0.001
Summary (0.5 ft change in water level during monitoring period)	Continue Monitoring	Continue Monitoring	Continue Monitoring
Summary (0.2 ft change in water level during monitoring period)	Continue Monitoring	Continue Monitoring	Continue Monitoring

Note:

a positive trend indicates an increased downward vertical gradient

a negative trend indicates an increased upward vertical gradient

Table 6

GE OHD 000 817 312
 GE Aviation_Evendale, Ohio - Groundwater IRM
 Statistical Summary of Vertical Gradient Analysis - USG to LSG

USG - LSG STATS.	OSMW-4	OSMW-10	PMW-3
Is the Slope Less than the Error?	YES	YES	YES
Number of Data Points	8	8	8
Slope	0.000	0.000	0.00003
Intercept	-2.5561	-1.2411	-1.2203
Standard Error of Estimates	0.001	0.002	0.001
X Variable Coefficient	0.00006164	0.00003058	0.00003011
P-Value	0.015	0.209	0.099
Trend Analysis	Significant Positive Trend	No Significant Trend	No Significant Trend
Magnitude	0.007	0.004	0.004
Summary (0.5 ft change in water level during monitoring period)	Continue Monitoring	Continue Monitoring	Continue Monitoring
Summary (0.2 ft change in water level during monitoring period)	Reduce Pumping Rate	Continue Monitoring	Continue Monitoring

Note:

a positive trend indicates an increased downward vertical gradient

a negative trend indicates an increased upward vertical gradient

Table 7

GE OHD 000 817 312
 GE Aviation_Evendale, Ohio - Groundwater IRM
 Statistical Summary of Vertical Gradient Analysis - Perched to LSG

PERCHED - LSG STATS.	AF-7	GM-9	OSMW-1	OSMW-10	PMW-3
Is Slope Less than Error?	YES	REJECT	YES	YES	YES
Number of Data Points	8	8	8	8	8
Slope	0.0000434	0.0000223	-0.0000436	0.0000230	0.0000230
Intercept	-1.7757	-0.8758	1.8281	-0.9332	-0.9343
Standard Error of Estimates	0.001	0.000	0.003	0.001	0.001
X Variable Coefficient	0.00004340	0.00002227	-0.00004360	0.00002299	0.00002302
P-Value	0.066	0.000	0.279	0.207	0.205
Trend Analysis	No Significant Trend	Significant Positive Trend	No Significant Trend	No Significant Trend	No Significant Trend
Magnitude	0.005	0.0017	0.009	0.003	0.004
Summary (0.5 ft change in water level during monitoring period)	Continue Monitoring	Continue Monitoring	Continue Monitoring	Continue Monitoring	Continue Monitoring
Summary (0.2 ft change in water level during monitoring period)	Continue Monitoring	Continue Monitoring	Continue Monitoring	Continue Monitoring	Continue Monitoring

Note:

a positive trend indicates an increased downward vertical gradient

a negative trend indicates an increased upward vertical gradient

Table 8

GE OHD 000 817 312
GE Aviation_Everdale, Ohio - Groundwater IRM
Statistical Summary of Steady-State Analysis

Groundwater Level Statistics	AF-4P		AF-4S		AF-7P		AF-7S	
	Individual Well Data	Normalized to Background (GM-9 series)	Individual Well Data	Normalized to Background (GM-9 series)	Individual Well Data	Normalized to Background (GM-9 series)	Individual Well Data	Normalized to Background (GM-9 series)
Does Well Satisfy Steady State Condition? ¹	YES	YES	YES	YES	YES	YES	YES	YES
Number of Data Points	8	8	8	8	8	8	8	8
Slope	-0.001	-0.001	-0.002	-0.002	0.001	0.001	-0.001	-0.001
Intercept	573.6795	573.6795	616.9445	616.9445	514.9159	514.9159	566.7219	566.7219
Standard Error of Estimates	0.101	0.082	0.151	0.059	0.131	0.108	0.138	0.109
Background Standard Error of Estimates								
X Variable Coefficient	-0.00082692		-0.00186985		0.00054444		-0.00069940	
P-Value	0.500		0.064		0.731		0.665	
Trend Analysis ²	<i>No Significant Trend</i>							
Magnitude	0.261		0.248		0.329		0.332	
Summary ³	STABLE		STABLE		STABLE		STABLE	

Note: a positive trend indicates increasing groundwater elevations
 a negative trend indicates decreasing groundwater elevations

¹Steady-state (stable) = slope less than error

²Significant trend identified by P≤0.05 (95% confidence)

³Increasing/decreasing water levels if P≤0.05 and Magnitude > 0.1 feet;
 STABLE - Magnitude < 0.1 feet

Table 8

GE OHD 000 817 312
GE Aviation_Everdale, Ohio - Groundwater IRM
Statistical Summary of Steady-State Analysis

Groundwater Level Statistics	AF-7D		AF-9S		AF-9D		AF-11S	
	Individual Well Data	Normalized to Background (GM-9 series)	Individual Well Data	Normalized to Background (GM-9 series)	Individual Well Data	Normalized to Background (GM-9 series)	Individual Well Data	Normalized to Background (GM-9 series)
Does Well Satisfy Steady State Condition? ¹	YES	YES	YES	YES	YES	YES	YES	YES
Number of Data Points	8	8	8	8	8	8	8	8
Slope	-0.003	-0.003	-0.003	-0.003	-0.003	-0.003	-0.001	-0.001
Intercept	657.1511	657.1511	658.0883	658.0883	658.2702	658.2702	582.8655	582.8655
Standard Error of Estimates	0.176	0.023	0.178	0.076	0.183	0.023	0.181	0.097
Background Standard Error of Estimates								
X Variable Coefficient	-0.00293229		-0.00296370		-0.00296898		-0.00115102	
P-Value	0.000		0.032		0.000		0.432	
Trend Analysis ²	Significant Negative Trend		Significant Negative Trend		Significant Negative Trend		No Significant Trend	
Magnitude	0.230		0.327		0.237		0.277	
Summary ³	Decreasing water levels		Decreasing water levels		Decreasing water levels		STABLE	

Note: a positive trend indicates increasing groundwater elevations
 a negative trend indicates decreasing groundwater elevations

¹Steady-state (stable) = slope less than error

²Significant trend identified by P≤0.05 (95% confidence)

³Increasing/decreasing water levels if P≤0.05 and Magnitude > 0.1 feet;

STABLE - Magnitude < 0.1 feet

Table 8

GE OHD 000 817 312
GE Aviation_Everdale, Ohio - Groundwater IRM
Statistical Summary of Steady-State Analysis

Groundwater Level Statistics	AF-11D		AF-19S		AF-19D		GM-9P	
	Individual Well Data	Normalized to Background (GM-9 series)	Individual Well Data	Normalized to Background (GM-9 series)	Individual Well Data	Normalized to Background (GM-9 series)	Individual Well Data	Normalized to Background (GM-9 series)
Does Well Satisfy Steady State Condition? ¹	YES	YES	YES	YES	YES	YES	YES	YES
Number of Data Points	8	8	8	8	8	8	8	8
Slope	-0.002	-0.002	-0.003	-0.003	-0.003	-0.003	-0.002	-0.002
Intercept	629.0387	629.0387	652.1191	652.1191	670.4652	670.4652	614.9451	614.9451
Standard Error of Estimates	0.179	0.035	0.172	0.070	0.175	0.028	0.035	0.029
Background Standard Error of Estimates								
X Variable Coefficient	-0.00226598		-0.00280991		-0.00325486		-0.00177933	
P-Value	0.003		0.028		0.000		0.000	
Trend Analysis ²	Significant Negative Trend							
Magnitude	0.220		0.301		0.268		0.137	
Summary ³	Decreasing water levels							

Note: a positive trend indicates increasing groundwater elevations
 a negative trend indicates decreasing groundwater elevations

¹Steady-state (stable) = slope less than error

²Significant trend identified by P≤0.05 (95% confidence)

³Increasing/decreasing water levels if P≤0.05 and Magnitude > 0.1 feet;
 STABLE - Magnitude < 0.1 feet

Table 8

GE OHD 000 817 312
GE Aviation_Everdale, Ohio - Groundwater IRM
Statistical Summary of Steady-State Analysis

Groundwater Level Statistics	GM-9S		GM-9D		OSMW-1P		OSMW-1S	
	Individual Well Data	Normalized to Background (GM-9 series)	Individual Well Data	Normalized to Background (GM-9 series)	Individual Well Data	Normalized to Background (GM-9 series)	Individual Well Data	Normalized to Background (GM-9 series)
Does Well Satisfy Steady State Condition ¹	YES	Stable	YES	Stable	YES	YES	YES	YES
Number of Data Points	8	8	8	8	8	8	8	8
Slope	-0.002	-0.002	-0.004	-0.004	-0.002	-0.002	0.001	0.001
Intercept	609.2524	609.2524	686.1478	686.1478	604.9971	604.9971	515.5510	515.5510
Standard Error of Estimates	0.190	0.047	0.192	0.092	0.133	0.110	0.155	0.117
Background Standard Error of Estimates								
X Variable Coefficient	-0.00166391		-0.00358951		-0.00162462		0.00053969	
P-Value	0.000		0.000		0.334		0.753	
Trend Analysis ²	Significant Negative Trend		Significant Negative Trend		No Significant Trend		No Significant Trend	
Magnitude	0.128		0.276		0.359		0.322	
Summary ³	Decreasing water levels		Decreasing water levels		STABLE		STABLE	

Note: a positive trend indicates increasing groundwater elevations
 a negative trend indicates decreasing groundwater elevations

¹Steady-state (stable) = slope less than error

²Significant trend identified by P≤0.05 (95% confidence)

³Increasing/decreasing water levels if P≤0.05 and Magnitude > 0.1 feet;
 STABLE - Magnitude < 0.1 feet

Table 8

GE OHD 000 817 312
GE Aviation_Everdale, Ohio - Groundwater IRM
Statistical Summary of Steady-State Analysis

Groundwater Level Statistics	OSMW-1D		OSMW-3S		OSMW-3D		OSMW-4S	
	Individual Well Data	Normalized to Background (GM-9 series)	Individual Well Data	Normalized to Background (GM-9 series)	Individual Well Data	Normalized to Background (GM-9 series)	Individual Well Data	Normalized to Background (GM-9 series)
Does Well Satisfy Steady State Condition? ¹	YES	YES	YES	YES	YES	YES	YES	YES
Number of Data Points	8	8	8	8	8	8	8	8
Slope	0.001	0.001	-0.002	-0.002	-0.003	-0.003	0.000	0.000
Intercept	494.7634	494.7634	628.8437	628.8437	676.1925	676.1925	536.8466	536.8466
Standard Error of Estimates	0.161	0.067	0.155	0.049	0.182	0.035	0.175	0.101
Background Standard Error of Estimates								
X Variable Coefficient	0.00100442		-0.00223778		-0.00340107		-0.00004784	
P-Value	0.328		0.017		0.000		0.974	
Trend Analysis ²	<i>No Significant Trend</i>		<i>Significant Negative Trend</i>		<i>Significant Negative Trend</i>		<i>No Significant Trend</i>	
Magnitude	0.176		0.244		0.273		0.266	
Summary ³	STABLE		Decreasing water levels		Decreasing water levels		STABLE	

Note: a positive trend indicates increasing groundwater elevations
 a negative trend indicates decreasing groundwater elevations

¹Steady-state (stable) = slope less than error

²Significant trend identified by P≤0.05 (95% confidence)

³Increasing/decreasing water levels if P≤0.05 and Magnitude > 0.1 feet;
 STABLE - Magnitude < 0.1 feet

Table 8

GE OHD 000 817 312
GE Aviation_Everdale, Ohio - Groundwater IRM
Statistical Summary of Steady-State Analysis

Groundwater Level Statistics	OSMW-4D		OSMW-10P		OSMW-10S		OSMW-10D	
	Individual Well Data	Normalized to Background (GM-9 series)	Individual Well Data	Normalized to Background (GM-9 series)	Individual Well Data	Normalized to Background (GM-9 series)	Individual Well Data	Normalized to Background (GM-9 series)
Does Well Satisfy Steady State Condition ¹	YES	YES	YES	YES	YES	YES	YES	YES
Number of Data Points	8	8	8	8	8	8	8	8
Slope	-0.004	-0.004	-0.001	-0.004	-0.001	-0.007	-0.003	-0.014
Intercept	691.7445	691.7445	563.6260	699.6447	563.5217	814.3223	666.2819	1112.8531
Standard Error of Estimates	0.180	0.030	0.142	0.122	0.141	0.114	0.184	0.237
Background Standard Error of Estimates								
X Variable Coefficient	-0.00378337		-0.00391429		-0.00667908		-0.01393385	
P-Value	0.000		0.063		0.006		0.006	
Trend Analysis ²	Significant Negative Trend		No Significant Trend		Significant Negative Trend		Significant Negative Trend	
Magnitude	0.288		0.439		0.554		1.005	
Summary ³	Decreasing water levels		STABLE		Decreasing water levels		Decreasing water levels	

Note: a positive trend indicates increasing groundwater elevations

a negative trend indicates decreasing groundwater elevations

¹Steady-state (stable) = slope less than error

²Significant trend identified by P≤0.05 (95% confidence)

³Increasing/decreasing water levels if P≤0.05 and Magnitude > 0.1 feet;

STABLE - Magnitude < 0.1 feet

Table 8

GE OHD 000 817 312
GE Aviation_Everdale, Ohio - Groundwater IRM
Statistical Summary of Steady-State Analysis

Groundwater Level Statistics	PMW-3P		PMW-3S		PMW-3D		TMW-1S	
	Individual Well Data	Normalized to Background (GM-9 series)	Individual Well Data	Normalized to Background (GM-9 series)	Individual Well Data	Normalized to Background (GM-9 series)	Individual Well Data	Normalized to Background (GM-9 series)
Does Well Satisfy Steady State Condition? ¹	YES	YES	YES	YES	YES	YES	YES	YES
Number of Data Points	8	8	8	8	8	8	8	8
Slope	-0.001	-0.001	-0.001	-0.001	-0.004	-0.004	-0.002	-0.002
Intercept	580.1829	580.1829	583.8733	583.8733	682.9601	682.9601	617.4838	617.4838
Standard Error of Estimates	0.137	0.132	0.134	0.106	0.174	0.031	0.133	0.086
Background Standard Error of Estimates								
X Variable Coefficient	-0.00102222		-0.00111034		-0.00355489		-0.00189932	
P-Value	0.600		0.484		0.000		0.166	
Trend Analysis ²	<i>No Significant Trend</i>		<i>No Significant Trend</i>		<i>Significant Negative Trend</i>		<i>No Significant Trend</i>	
Magnitude	0.406		0.342		0.273		0.333	
Summary ³	STABLE		STABLE		Decreasing water levels		STABLE	

Note: a positive trend indicates increasing groundwater elevations
 a negative trend indicates decreasing groundwater elevations

¹Steady-state (stable) = slope less than error

²Significant trend identified by P≤0.05 (95% confidence)

³Increasing/decreasing water levels if P≤0.05 and Magnitude > 0.1 feet;
 STABLE - Magnitude < 0.1 feet

Table 9

GE OHD 000 817 312
Evendale, Ohio
Groundwater Chemical Cross Contamination Analyses

Well ID	4/2/2013		5/7/2013							
	TCA_grp UTL Value ¹ , (μmol/L)	TCE_grp UTL Value ¹ , (μmol/L)	TCA Group Values (μmol/L)	TCE Group Values (μmol/L)	TCA Group Comparison	TCE Group Comparison	TCA Group Values (μmol/L)	TCE Group Values (μmol/L)	TCA Group Comparison	TCE Group Comparison
AF-11D	0.0092	2.3875	No Sample	No Sample	No Sample	No Sample	0.0079	0.0224	ACCEPT	ACCEPT
AF-11S	.0842	3.1943	No Sample	No Sample	No Sample	No Sample	0.00	0.16	ACCEPT	ACCEPT
AF-13P	0.0359	0.0359	No Sample	No Sample	No Sample	No Sample	0.00	0.00	ACCEPT	ACCEPT
AF-13S	0.0359	0.0359	No Sample	No Sample	No Sample	No Sample	0.00	0.39	ACCEPT	REJECT
AF-19D	0.0359	0.0359	No Sample	No Sample	No Sample	No Sample	0.00	0.00	ACCEPT	ACCEPT
AF-19S	2.0047	3.6624	No Sample	No Sample	No Sample	No Sample	0.00	0.27	ACCEPT	ACCEPT
AF-21D	.0070	0.5265	No Sample	No Sample	No Sample	No Sample	0.00	0.00	ACCEPT	ACCEPT
AF-23P	10.6721	6.5688	No Sample	No Sample	No Sample	No Sample	2.40	2.38	ACCEPT	ACCEPT
AF-24P	18.0821	9.9566	No Sample	No Sample	No Sample	No Sample	4.16	4.38	ACCEPT	ACCEPT
AF-25P	12.3782	11.3839	No Sample	No Sample	No Sample	No Sample	3.19	1.89	ACCEPT	ACCEPT
AF-2P	.1073	.5533	No Sample	No Sample	No Sample	No Sample	0.09	0.28	ACCEPT	ACCEPT
AF-3P	.9429	1.6063	No Sample	No Sample	No Sample	No Sample	0.51	0.87	ACCEPT	ACCEPT
AF-4P	0.0359	0.0359	No Sample	No Sample	No Sample	No Sample	0.45	0.84	REJECT	REJECT
AF-4S	1.1853	5.9427	No Sample	No Sample	No Sample	No Sample	0.04	0.16	ACCEPT	ACCEPT
AF-5D	.0155	.0044	No Sample	No Sample	No Sample	No Sample	0.00	0.00	ACCEPT	ACCEPT
AF-5P	1.3739	4.5782	No Sample	No Sample	No Sample	No Sample	0.26	0.95	ACCEPT	ACCEPT
AF-5S	2.5715	9.0739	No Sample	No Sample	No Sample	No Sample	0.07	0.80	ACCEPT	ACCEPT
AF-6S	0.0359	0.0359	No Sample	No Sample	No Sample	No Sample	0.00	0.00	ACCEPT	ACCEPT
AF-7D	.0240	.0261	No Sample	No Sample	No Sample	No Sample	0.00	0.00	ACCEPT	ACCEPT
AF-7P	10.8813	9.7516	No Sample	No Sample	No Sample	No Sample	0.16	0.22	ACCEPT	ACCEPT
AF-7S	.7677	31.8240	No Sample	No Sample	No Sample	No Sample	0.23	17.47	ACCEPT	ACCEPT
AF-9S	.0694	0.7894	No Sample	No Sample	No Sample	No Sample	0.02	0.34	ACCEPT	ACCEPT
AOC LDMW-1S	66.8780	21.1752	No Sample	No Sample	No Sample	No Sample	3.48	2.64	ACCEPT	ACCEPT
AOC PSTMW-2S	.6589	.2892	No Sample	No Sample	No Sample	No Sample	0.21	0.06	ACCEPT	ACCEPT
H-221	.7940	1.0121	No Sample	No Sample	No Sample	No Sample	0.37	0.56	ACCEPT	ACCEPT
OSMW-10D	.1633	.1269	No Sample	No Sample	No Sample	No Sample	0.03	0.06	ACCEPT	ACCEPT
OSMW-10P	3.9915	2.7868	No Sample	No Sample	No Sample	No Sample	1.50	1.54	ACCEPT	ACCEPT
OSMW-10S	3.5411	1.2163	No Sample	No Sample	No Sample	No Sample	1.47	1.26	ACCEPT	REJECT
OSMW-11D	.7604	8.2552	No Sample	No Sample	No Sample	No Sample	0.31	2.63	ACCEPT	ACCEPT
OSMW-11P	.0232	.0066	No Sample	No Sample	No Sample	No Sample	0.03	0.02	REJECT	REJECT
OSMW-11S	1.0371	11.9864	No Sample	No Sample	No Sample	No Sample	0.32	2.62	ACCEPT	ACCEPT
OSMW-12P	.0529	.0352	No Sample	No Sample	No Sample	No Sample	0.05	0.03	ACCEPT	ACCEPT
OSMW-13P	.0510	.0688	No Sample	No Sample	No Sample	No Sample	0.03	0.01	ACCEPT	ACCEPT
OSMW-1D	1.0602	23.5751	No Sample	No Sample	No Sample	No Sample	0.03	1.40	ACCEPT	ACCEPT
OSMW-1P	0.0386	.0383	No Sample	No Sample	No Sample	No Sample	0.02	0.00	ACCEPT	ACCEPT
OSMW-1S	1.8189	54.1122	No Sample	No Sample	No Sample	No Sample	0.08	5.67	ACCEPT	ACCEPT
OSMW-2P	.1552	.8655	No Sample	No Sample	No Sample	No Sample	0.07	0.81	ACCEPT	ACCEPT
OSMW-3D	.0969	13.9650	No Sample	No Sample	No Sample	No Sample	0.04	0.08	ACCEPT	ACCEPT
OSMW-3S	0.0952	0.8117	No Sample	No Sample	No Sample	No Sample	0.00	0.06	ACCEPT	ACCEPT
OSMW-4D	.1902	1.2387	No Sample	No Sample	No Sample	No Sample	0.10	1.33	ACCEPT	REJECT
OSMW-4S	.1184	7.8398	No Sample	No Sample	No Sample	No Sample	0.01	0.03	ACCEPT	ACCEPT
OSMW-5D	.0225	4.0331	No Sample	No Sample	No Sample	No Sample	0.01	1.98	ACCEPT	ACCEPT
OSMW-5S	.0186	.1804	No Sample	No Sample	No Sample	No Sample	0.02	0.27	REJECT	REJECT
OSMW-6D	.8025	3.8001	No Sample	No Sample	No Sample	No Sample	0.07	0.74	ACCEPT	ACCEPT
OSMW-6S	1.1900	2.0246	No Sample	No Sample	No Sample	No Sample	0.12	0.48	ACCEPT	ACCEPT
OSMW-7D	.0359	.1744	No Sample	No Sample	No Sample	No Sample	0.00	0.02	ACCEPT	ACCEPT
OSMW-8D	.0034	.6823	No Sample	No Sample	No Sample	No Sample	0.00	0.70	ACCEPT	REJECT
OSMW-8S	.0268	1.3407	No Sample	No Sample	No Sample	No Sample	0.04	0.12	REJECT	ACCEPT
OSMW-9D	.0359	.4657	No Sample	No Sample	No Sample	No Sample	0.00	0.22	ACCEPT	ACCEPT
OSMW-9S	.0327	86.8772	No Sample	No Sample	No Sample	No Sample	0.0337	3.19	REJECT	ACCEPT
PMW-2D	.0021	.0359	No Sample	No Sample	No Sample	No Sample	0.00	0.00	ACCEPT	ACCEPT
PMW-3D	3.1451	2.5338	0.53	3.72	ACCEPT	REJECT	0.44	2.42	ACCEPT	ACCEPT
PMW-3P	2.5478	4.0693	No Sample	No Sample	No Sample	No Sample	1.27	3.38	ACCEPT	ACCEPT
PMW-3S	2.3156	2.3051	0.34	1.15	ACCEPT	ACCEPT	0.30	0.94	ACCEPT	ACCEPT
PMW-4D	.0359	.1228	No Sample	No Sample	No Sample	No Sample	0.00	0.07	ACCEPT	ACCEPT
TMW-1D	.0359	.0093	No Sample	No Sample	No Sample	No Sample	0.00	0.00	ACCEPT	ACCEPT
TMW-1P	3.1442	5.8024	No Sample	No Sample	No Sample	No Sample	2.97	4.47	ACCEPT	ACCEPT
TMW-1S	0.2465	10.57	No Sample	No Sample	No Sample	No Sample	0.00	0.11	ACCEPT	ACCEPT
TMW-2D	.0454	9.85	No Sample	No Sample	No Sample	No Sample	0.00	5.29	ACCEPT	ACCEPT
TMW-2S	.0039	.0254	No Sample	No Sample	No Sample	No Sample	0.00	0.00	ACCEPT	ACCEPT

Footnotes:

- The methodology for calculating the upper tolerance (UTL) limit is included in the Performance Monitoring Plan.

Table 10

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GE Aviation Evendale, Ohio - Groundwater IRM
Summary of Extraction Well Influent Chemical Statistical Approach

		Chemical Data																				
		1,1,1-TCA µg/L		1,1-DCA µg/L		1,1-DCE µg/L		Chloroethane µg/L		cis-1,2-DCE µg/L		PCE µg/L		trans-1,2-DCE µg/L		TCE µg/L		Vinyl Chloride µg/L		TCA Group ⁴ µmol/L		TCE Group ⁴ µmol/L
EW-2P Sample Date and Result	11/1/2012	140.0	11/1/2012	16.0	10/1/2012	4.7	no data		11/1/2012	19.0	10/10/2011	2.1	8/23/2011	2.7	11/1/2012	330.0	5/1/2012	9.1	11/1/2012	1.31	11/1/2012	0.29
	12/3/2012	130.0	12/3/2012	17.0	11/1/2012	10.0	no data		12/3/2012	20.0	10/17/2011	2.1	9/6/2011	2.8	12/3/2012	340.0	6/1/2012	8.3	12/3/2012	1.25	12/3/2012	0.29
	1/2/2013	120.0	1/2/2013	16.0	12/3/2012	10.0	no data		1/2/2013	18.0	10/31/2011	2.6	9/26/2011	2.1	1/2/2013	330.0	7/2/2012	8.7	1/2/2013	1.11	1/2/2013	0.19
	2/1/2013	110.0	2/1/2013	14.0	1/2/2013	4.8	no data		2/1/2013	17.0	11/28/2011	1.8	10/10/2011	2.1	2/1/2013	290.0	9/4/2012	9.7	2/1/2013	1.05	2/1/2013	0.18
	3/1/2013	110.0	3/1/2013	15.0	2/1/2013	8.2	no data		3/1/2013	18.0	12/12/2011	2.0	10/17/2011	2.0	3/1/2013	300.0	10/1/2012	7.3	3/1/2013	1.02	3/1/2013	0.19
	4/1/2013	100.0	4/1/2013	12.0	3/1/2013	4.2	no data		4/1/2013	17.0	4/2/2012	2.1	10/31/2011	1.9	4/1/2013	280.0	11/1/2012	6.1	4/1/2013	0.95	4/1/2013	0.18
	5/1/2013	120.0	5/1/2013	13.0	4/1/2013	7.9	no data		5/1/2013	17.0	7/2/2012	2.2	11/28/2011	1.6	5/1/2013	300.0	12/3/2012	5.2	5/1/2013	1.03	5/1/2013	0.19
	6/3/2013	100.0	6/3/2013	12.0	6/3/2013	5.4	no data		6/3/2013	16.0	5/1/2013	2.1	12/12/2011	1.6	6/3/2013	260.0	6/3/2013	4.6	6/3/2013	0.93	6/3/2013	0.24
Chemical Statistics																						
	1,1,1-TCA	1,1-DCA	1,1-DCE	Chloroethane	cis-1,2-DCE	PCE	trans-1,2-DCE	TCE	Vinyl Chloride	TCA Group ⁴	TCE Group ⁴											
Does the Well Satisfy a Steady State Condition? ¹	YES	YES	YES	#DIV/0!	YES	YES	YES	YES	YES	YES	YES											
Number of Data Points	8	8	8	0	8	8	8	8	8	8	8											
Slope	-0.154	-0.023	-0.007	#DIV/0!	-0.015	0.000	-0.011	-0.327	-0.013	-0.002	0.000											
Intercept	6479.0661	973.5137	309.7114	#DIV/0!	637.2501	4.0688	453.1780	13827.8133	528.7124	71.2956	14.9536											
Standard Error of Estimates	8.924	0.931	2.524	#DIV/0!	0.692	0.243	0.156	14.594	1.088	0.058	0.047											
X Variable Coefficient	-0.15398549	-0.02321196	-0.00733299	Insufficient Data	-0.01499242	-0.00004744	-0.01104730	-0.32729368	-0.01266104	-0.00169923	-0.00035665											
P-Value	0.015	0.003	0.556	Insufficient Data	0.005	0.923	0.000	0.005	0.008	0.001	0.184											
Trend Analysis ²	Significant Negative Trend	Significant Negative Trend	No Significant Trend	Insufficient Data	Significant Negative Trend	No Significant Trend	Significant Negative Trend	Significant Negative Trend	Significant Negative Trend	Significant Negative Trend	No Significant Trend											
Trend Analysis Result ³	Evaluate System Optimization	Evaluate System Optimization	Continue Pumping	Continue Pumping	Evaluate System Optimization	Continue Pumping	Evaluate System Optimization	Evaluate System Optimization	Evaluate System Optimization	Evaluate System Optimization	Continue Pumping											

Notes:

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- 5 - The statistics for the TCA Group and the TCE Group were completed using the sum of the mass equivalents of the component compounds.

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Table 10

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GE Aviation Evendale, Ohio - Groundwater IRM
Summary of Extraction Well Influent Chemical Statistical Approach

EW-4P Sample Date and Result		Chemical Data																					
		1,1,1-TCA µg/L		1,1-DCA µg/L		1,1-DCE µg/L		Chloroethane µg/L		cis-1,2-DCE µg/L		PCE µg/L		trans-1,2-DCE µg/L		TCE µg/L		Vinyl Chloride µg/L		TCA Group ⁴ µmol/L		TCE Group ⁴ µmol/L	
		11/1/2012	120.0	11/1/2012	13.0	10/1/2012	4.0	no data		11/1/2012	4.4	no data		7/25/2011	1.9	11/1/2012	290.0	7/25/2011	3.5	11/1/2012	1.12	11/1/2012	2.24
		12/3/2012	110.0	12/3/2012	15.0	11/1/2012	8.3	no data		12/3/2012	4.6	no data		8/8/2011	2.2	12/3/2012	290.0	8/8/2011	4.5	12/3/2012	1.03	12/3/2012	2.25
		1/2/2013	93.0	1/2/2013	14.0	12/3/2012	5.2	no data		1/2/2013	5.3	no data		8/23/2011	1.3	1/2/2013	260.0	8/23/2011	2.0	1/2/2013	0.85	1/2/2013	2.02
		2/1/2013	89.0	2/1/2013	14.0	1/2/2013	1.4	8/23/2011	0.87	2/1/2013	4.1	no data		9/26/2011	1.5	2/1/2013	250.0	9/26/2011	2.0	2/1/2013	0.84	2/1/2013	1.94
		3/1/2013	87.0	3/1/2013	15.0	2/1/2013	3.0	9/26/2011	1.3	3/1/2013	4.2	no data		10/10/2011	1.8	3/1/2013	250.0	10/10/2011	2.0	3/1/2013	0.82	3/1/2013	1.94
		4/1/2013	65.0	4/1/2013	15.0	3/1/2013	1.4	10/10/2011	1.1	4/1/2013	3.6	no data		10/17/2011	1.9	4/1/2013	210.0	10/17/2011	1.6	4/1/2013	0.66	4/1/2013	1.63
		5/1/2013	71.0	5/1/2013	18.0	4/1/2013	2.2	10/17/2011	1.4	5/1/2013	3.9	no data		10/31/2011	1.7	5/1/2013	220.0	10/31/2011	0.96	5/1/2013	0.71	5/1/2013	1.71
		6/3/2013	94.0	6/3/2013	14.0	6/3/2013	5.3	3/5/2012	4.7	6/3/2013	17.0	10/31/2011	0.63	12/12/2011	1.4	6/3/2013	200.0	6/3/2013	5.0	6/3/2013	0.9	6/3/2013	1.77
Chemical Statistics																							
1,1,1-TCA		1,1-DCA		1,1-DCE		Chloroethane		cis-1,2-DCE		PCE		trans-1,2-DCE		TCE		Vinyl Chloride		TCA Group ⁴		TCE Group ⁴			
Does the Well Satisfy a Steady State Condition? ¹	YES	YES	YES	YES	YES	YES	YES	#DIV/0!	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES			
Number of Data Points	8	8	8	5	8	8	8	1	8	8	8	8	8	8	8	8	8	8	8	8			
Slope	-0.181	0.010	-0.009	0.021	0.032	#DIV/0!	-0.003	-0.445	0.003	-0.001	-0.003	-0.001	-0.003	-0.001	-0.003	-0.001	-0.003	-0.001	-0.003	-0.003			
Intercept	7571.5608	-403.1439	384.7275	-847.8849	-1317.2933	#DIV/0!	110.9911	18641.0001	-137.7132	60.3983	118.4216												
Standard Error of Estimates	13.252	1.389	2.425	0.357	4.155	#DIV/0!	0.294	9.876	1.336	0.115	0.106												
X Variable Coefficient	-0.18103287	0.01011339	-0.00922347	Insufficient Data	0.03202209	Insufficient Data	-0.00267760	-0.44516850	0.00343468	-0.00144071	-0.00281903												
P-Value	0.037	0.204	0.445	Insufficient Data	0.182	Insufficient Data	0.303	0.000	0.178	0.049	0.002												
Trend Analysis ²	Significant Negative Trend	No Significant Trend	No Significant Trend	Insufficient Data	No Significant Trend	Insufficient Data	No Significant Trend	Significant Negative Trend	No Significant Trend	Significant Negative Trend	Significant Negative Trend												
Trend Analysis Result ³	Evaluate System Optimization	Continue Pumping	Continue Pumping	Continue Pumping	Continue Pumping	Continue Pumping	Continue Pumping	Evaluate System Optimization	Continue Pumping	Evaluate System Optimization	Evaluate System Optimization												

Notes:

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Table 10

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GE Aviation Evendale, Ohio - Groundwater IRM
Summary of Extraction Well Influent Chemical Statistical Approach

		Chemical Data																						
		1,1,1-TCA µg/L		1,1-DCA µg/L		1,1-DCE µg/L		Chloroethane µg/L		cis-1,2-DCE µg/L		PCE µg/L		trans-1,2-DCE µg/L		TCE µg/L		Vinyl Chloride µg/L		TCA Group ⁴ µmol/L		TCE Group ⁴ µmol/L		
EW-5P Sample Date and Result	11/1/2012	140.0	11/1/2012	12.0	11/1/2012	11.0	10/17/2011	4.9	10/1/2012	4.5	no data		8/8/2011	2.3	11/1/2012	270.0	12/12/2011	3.7	11/1/2012	1.28	11/1/2012	2.32		
	12/3/2012	130.0	12/3/2012	13.0	12/3/2012	8.5	10/31/2011	3.0	11/1/2012	19.0	8/23/2011	0.51	8/23/2011	1.9	12/3/2012	280.0	11/1/2012	4.8	12/3/2012	1.19	12/3/2012	2.47		
	1/2/2013	120.0	1/2/2013	15.0	1/2/2013	4.6	11/14/2011	5.1	12/3/2012	20.0	9/6/2011	0.47	9/6/2011	2.2	1/2/2013	260.0	12/3/2012	9.0	1/2/2013	1.1	1/2/2013	2.35		
	2/1/2013	110.0	2/1/2013	13.0	2/1/2013	6.5	11/28/2011	5.0	1/2/2013	20.0	10/10/2011	0.48	9/26/2011	1.8	2/1/2013	240.0	1/2/2013	11.0	2/1/2013	1.02	2/1/2013	2.17		
	3/1/2013	120.0	3/1/2013	16.0	3/1/2013	5.3	12/12/2011	4.6	2/1/2013	19.0	10/17/2011	0.47	10/10/2011	1.6	3/1/2013	250.0	2/1/2013	9.7	3/1/2013	1.12	3/1/2013	2.28		
	4/1/2013	90.0	4/1/2013	13.0	4/1/2013	6.1	1/16/2012	8.5	3/1/2013	20.0	10/31/2011	0.9	10/17/2011	1.6	4/1/2013	210.0	3/1/2013	11.0	4/1/2013	0.87	4/1/2013	1.91		
	5/1/2013	110.0	5/1/2013	16.0	5/1/2013	6.3	2/7/2012	8.0	4/1/2013	19.0	12/12/2011	0.61	10/31/2011	1.5	5/1/2013	240.0	4/1/2013	7.4	5/1/2013	1.05	5/1/2013	2.15		
	6/3/2013	61.0	6/3/2013	18.0	6/3/2013	1.5	5/1/2012	2.3	5/1/2013	21.0	7/2/2012	0.77	12/12/2011	1.1	6/3/2013	200.0	5/1/2013	7.4	6/3/2013	0.65	6/3/2013	1.52		
Chemical Statistics																								
1,1,1-TCA		1,1-DCA		1,1-DCE		Chloroethane		cis-1,2-DCE		PCE		trans-1,2-DCE		TCE		Vinyl Chloride		TCA Group ⁴		TCE Group ⁴				
Does the Well Satisfy a Steady State Condition? ¹	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES					
Number of Data Points	8	8	8	8	8	8	8	8	7	8	8	8	8	8	8	8	8	8	8					
Slope	-0.291	0.021	-0.029	-0.001	0.046	0.001	0.046	-1869.2680	-35.2759	374.5919	13779.0753	-443.1147	94.7409	140.4036	-0.328	0.011	-0.002	-0.003						
Intercept	12124.3335	-868.0627	1224.2476	26.4504	-1869.2680	-35.2759	374.5919	13779.0753	-443.1147	94.7409	140.4036	13.278	1.443	1.851	2.326	4.586	0.157	0.129	14.556	2.243	0.110	0.192		
Standard Error of Estimates	13.278	1.443	1.851	2.326	4.586	0.157	0.129	14.556	2.243	0.110	0.192	-0.29075397	0.02135876	-0.02947717	-0.00052017	0.04570281	Insufficient Data	-0.00913436	-0.32756628	0.01093520	-0.00226773	-0.00334596		
X Variable Coefficient	-0.29075397	0.02135876	-0.02947717	-0.00052017	0.04570281	Insufficient Data	-0.00913436	-0.32756628	0.01093520	-0.00226773	-0.00334596	P-Value	0.005	0.027	0.021	0.971	0.099	Insufficient Data	0.000	0.005	0.086	0.007	0.014	
Trend Analysis ²	Significant Negative Trend	Significant Positive Trend	Significant Negative Trend	No Significant Trend	No Significant Trend	Insufficient Data	Significant Negative Trend	Significant Negative Trend	No Significant Trend	Significant Negative Trend	Significant Negative Trend	Trend Analysis Result ³	Evaluate System Optimization	Evaluate System Optimization	Evaluate System Optimization	Continue Pumping	Continue Pumping	Continue Pumping	Evaluate System Optimization	Evaluate System Optimization	Continue Pumping	Evaluate System Optimization	Evaluate System Optimization	

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- 4 - TCA Group includes 1,1,1-TCA; 1,1-DCA; 1,1-DCE; Chloroethane. TCE Group includes cis-1,2-DCE; PCE; trans-1,2-DCE; TCE; Vinyl Chloride.
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Table 10

GE OHD 008 817 312

GE Aviation Evendale, Ohio - Groundwater IRM
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EW-6P Sample Date and Result		Chemical Data																					
		1,1,1-TCA µg/L		1,1-DCA µg/L		1,1-DCE µg/L		Chloroethane µg/L		cis-1,2-DCE µg/L		PCE µg/L		trans-1,2-DCE µg/L		TCE µg/L		Vinyl Chloride µg/L		TCA Group ⁴ µmol/L		TCE Group ⁴ µmol/L	
		11/1/2012	74.0	11/1/2012	7.7	9/4/2012	3.0	no data		11/1/2012	13.0	10/31/2011	1.7	8/8/2011	2.4	11/1/2012	190.0	11/14/2011	6.0	11/1/2012	0.69	11/1/2012	1.63
		12/3/2012	64.0	12/3/2012	7.5	10/1/2012	2.7	no data		12/3/2012	12.0	11/28/2011	1.3	8/23/2011	1.2	12/3/2012	180.0	11/28/2011	4.4	12/3/2012	0.6	12/3/2012	1.49
		1/2/2013	62.0	1/2/2013	8.1	11/1/2012	6.0	no data		1/2/2013	12.0	12/12/2011	1.2	9/6/2011	1.8	1/2/2013	180.0	12/12/2011	3.5	1/2/2013	0.57	1/2/2013	1.49
		2/1/2013	60.0	2/1/2013	6.8	12/3/2012	4.5	no data		2/1/2013	11.0	4/2/2012	1.1	9/26/2011	1.5	2/1/2013	170.0	4/2/2012	2.1	2/1/2013	0.52	2/1/2013	1.4
		3/1/2013	65.0	3/1/2013	7.6	1/2/2013	2.3	no data		3/1/2013	12.0	7/2/2012	1.4	10/10/2011	1.6	3/1/2013	190.0	10/1/2012	4.0	3/1/2013	0.59	3/1/2013	1.56
		4/1/2013	50.0	4/1/2013	6.2	3/1/2013	2.1	no data		4/1/2013	11.0	4/1/2013	1.2	10/31/2011	1.8	4/1/2013	160.0	11/1/2012	3.6	4/1/2013	0.49	4/1/2013	1.39
		5/1/2013	61.0	5/1/2013	7.3	4/1/2013	4.9	no data		5/1/2013	12.0	5/1/2013	1.5	12/12/2011	1.6	5/1/2013	180.0	4/1/2013	2.8	5/1/2013	0.53	5/1/2013	1.5
		6/3/2013	55.0	6/3/2013	7.0	6/3/2013	3.3	no data		6/3/2013	11.0	6/3/2013	1.1	4/1/2013	1.5	6/3/2013	160.0	6/3/2013	3.4	6/3/2013	0.52	6/3/2013	1.39
Chemical Statistics																							
1,1,1-TCA		1,1-DCA		1,1-DCE		Chloroethane		cis-1,2-DCE		PCE		trans-1,2-DCE		TCE		Vinyl Chloride		TCA Group ⁴		TCE Group ⁴			
Does the Well Satisfy a Steady State Condition? ¹	YES	YES	YES	#DIV/0!		YES		YES		YES		YES		YES		YES		YES		YES			
Number of Data Points	8	8	8	0		8		8		8		8		8		8		8		8			
Slope	-0.071	-0.004	-0.001	#DIV/0!		-0.006		0.000		0.000		-0.100		-0.002		-0.001		-0.001		-0.001			
Intercept	2990.1948	182.7621	28.3150	#DIV/0!		274.6477		10.3713		19.6234		4296.1820		98.5882		29.5790		30.9996					
Standard Error of Estimates	5.150	0.545	1.497	#DIV/0!		0.570		0.219		0.366		10.051		1.115		0.043		0.074					
X Variable Coefficient	-0.07087989	-0.00424693	-0.00059878	Insufficient Data		-0.00636234		-0.00022035		-0.00043901		-0.09970580		-0.00230798		-0.00070220		-0.00071437					
P-Value	0.036	0.178	0.924	Insufficient Data		0.071		0.532		0.551		0.100		0.260		0.019		0.108					
Trend Analysis ²	Significant Negative Trend	No Significant Trend	No Significant Trend	Insufficient Data		No Significant Trend		No Significant Trend		No Significant Trend		No Significant Trend		No Significant Trend		Significant Negative Trend		No Significant Trend					
Trend Analysis Result ³	Evaluate System Optimization	Continue Pumping	Continue Pumping	Continue Pumping		Continue Pumping		Continue Pumping		Continue Pumping		Continue Pumping		Continue Pumping		Evaluate System Optimization		Continue Pumping					

Notes:

- 1 - Steady-state (stable) = slope less than error
- 2 - Significant trend identified by P<0.05 (95% confidence; a positive trend indicates increasing chemical concentrations; a negative trend indicates decreasing chemical concentrations)
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- 4 - TCA Group includes 1,1,1-TCA; 1,1-DCA; 1,1-DCE; Chloroethane. TCE Group includes cis-1,2-DCE; PCE; trans-1,2-DCE; TCE; Vinyl Chloride.
- 5 - The statistics for the TCA Group and the TCE Group were completed using the sum of the mass equivalents of the component compounds.

Acronyms:

- 'TCA' - Trichloethane.
- 'DCA' - Dichloroethane.
- 'DCE' - Dichloroethene.
- 'PCE' - Tetrachloroethene.
- 'TCE' - Trichloroethene.

Table 10

GE OHD 008 817 312

GE Aviation Evendale, Ohio - Groundwater IRM
Summary of Extraction Well Influent Chemical Statistical Approach

Chemical Data																						
EW-7S Sample Date and Result	1,1,1-TCA µg/L		1,1-DCA µg/L		1,1-DCE µg/L		Chloroethane µg/L		cis-1,2-DCE µg/L		PCE µg/L		trans-1,2-DCE µg/L		TCE µg/L		Vinyl Chloride µg/L		TCA Group ⁴ µmol/L		TCE Group ⁴ µmol/L	
	no data	11/1/2012	1.1	9/4/2012	0.41	no data		11/1/2012	72.0	no data		no data		no data		11/1/2012	77.0	11/1/2012	0.01	11/1/2012	1.97	
	no data	12/3/2012	1.2	10/1/2012	0.42	no data		12/3/2012	72.0	no data		no data		no data		12/3/2012	78.0	12/3/2012	0.02	12/3/2012	1.99	
	no data	1/2/2013	1.1	12/3/2012	0.47	no data		1/2/2013	94.0	no data		no data		no data		1/2/2013	110.0	1/2/2013	0.02	1/2/2013	2.73	
	no data	2/1/2013	1.1	1/2/2013	0.59	no data		2/1/2013	80.0	no data		no data		no data		2/1/2013	83.0	2/1/2013	0.02	2/1/2013	2.15	
	no data	3/1/2013	1.2	2/1/2013	0.38	no data		3/1/2013	62.0	no data		no data		no data		3/1/2013	90.0	3/1/2013	0.02	3/1/2013	2.08	
	no data	4/1/2013	0.98	3/1/2013	0.4	no data		4/1/2013	68.0	no data		no data		no data		4/1/2013	76.0	4/1/2013	0.01	4/1/2013	1.92	
	no data	5/1/2013	1.2	5/1/2013	0.56	no data		5/1/2013	82.0	no data		no data		no data		5/1/2013	82.0	5/1/2013	0.02	5/1/2013	2.16	
	no data	6/3/2013	0.96	6/3/2013	0.37	no data		6/3/2013	68.0	no data		12/12/2011	1.3	no data		6/3/2013	93.0	6/3/2013	0.01	6/3/2013	2.19	
Chemical Statistics																						
1,1,1-TCA		1,1-DCA		1,1-DCE		Chloroethane		cis-1,2-DCE		PCE		trans-1,2-DCE		TCE		Vinyl Chloride		TCA Group ⁴		TCE Group ⁴		
Does the Well Satisfy a Steady State Condition? ¹	#DIV/0!	YES	YES	#DIV/0!		YES		YES	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	YES	YES	YES	YES	YES			
Number of Data Points	0	8	8	0		8		0	0	1	0	0	0	0	8	8	8	8	8			
Slope	#DIV/0!	0.000	0.000	#DIV/0!		-0.028		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.016	0.000	0.000	0.000	0.000	0.000			
Intercept	#DIV/0!	21.6138	-1.4495	#DIV/0!		1250.1844		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	-557.3601	-0.0021	3.9771						
Standard Error of Estimates	#DIV/0!	0.095	0.090	#DIV/0!		10.712		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	12.258	0.003	0.275						
X Variable Coefficient	Insufficient Data	-0.00049633	0.00004600	Insufficient Data		-0.02844651		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	0.01557289	0.00000041	-0.00004424						
P-Value	Insufficient Data	0.346	0.901	Insufficient Data		0.622		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	0.812	0.981	0.976						
Trend Analysis ²	Insufficient Data	No Significant Trend	No Significant Trend	Insufficient Data		No Significant Trend		Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	No Significant Trend	No Significant Trend	No Significant Trend	No Significant Trend	No Significant Trend	No Significant Trend			
Trend Analysis Result ³	Continue Pumping	Continue Pumping	Continue Pumping	Continue Pumping		Continue Pumping		Continue Pumping	Continue Pumping	Continue Pumping	Continue Pumping	Continue Pumping	Continue Pumping	Continue Pumping	Continue Pumping	Continue Pumping	Continue Pumping	Continue Pumping	Continue Pumping			

Notes:

- 1 - Steady-state (stable) = slope less than error
- 2 - Significant trend identified by P<0.05 (95% confidence; a positive trend indicates increasing chemical concentrations; a negative trend indicates decreasing chemical concentrations)
- 3 - Analysis result determined by the P value. If the P<0.05 an action is required (evaluate system optimization if the trend analysis is negative, Evaluate System Optimization if the trend is positive).
- 4 - TCA Group includes 1,1,1-TCA; 1,1-DCA; 1,1-DCE; Chloroethane. TCE Group includes cis-1,2-DCE; PCE; trans-1,2-DCE; TCE; Vinyl Chloride.
- 5 - The statistics for the TCA Group and the TCE Group were completed using the sum of the mass equivalents of the component compounds.

Acronyms:

- 'TCA' - Trichloethane.
- 'DCA' - Dichloroethane.
- 'DCE' - Dichloroethene.
- 'PCE' - Tetrachloroethene.
- 'TCE' - Trichloroethene.

Table 10

GE OHD 008 817 312

GE Aviation Evendale, Ohio - Groundwater IRM
Summary of Extraction Well Influent Chemical Statistical Approach

Chemical Data																						
EW-3D Sample Date and Result	1,1,1-TCA µg/L		1,1-DCA µg/L		1,1-DCE µg/L		Chloroethane µg/L		cis-1,2-DCE µg/L		PCE µg/L		trans-1,2-DCE µg/L		TCE µg/L		Vinyl Chloride µg/L		TCA Group ⁴ µmol/L		TCE Group ⁴ µmol/L	
	no data	no data	no data	11/1/2012	210.0	no data	no data	11/1/2012	42.0	11/1/2012	280.0	11/1/2012	4.5	no data	no data	11/1/2012	4.79					
	no data	no data	no data	12/3/2012	230.0	no data	no data	12/3/2012	48.0	12/3/2012	280.0	12/3/2012	5.0	no data	no data	12/3/2012	5.07					
	no data	9/26/2011	2.4	no data	no data	no data	no data	1/2/2013	220.0	no data	no data	1/2/2013	47.0	1/2/2013	270.0	1/2/2013	4.8	9/26/2011	0.03	1/2/2013	4.88	
	no data	10/10/2011	1.9	9/26/2011	1.0	no data	no data	2/1/2013	210.0	no data	no data	2/1/2013	43.0	2/1/2013	260.0	2/1/2013	4.5	10/10/2011	0.03	2/1/2013	4.65	
	no data	10/17/2011	1.7	10/10/2011	0.85	no data	no data	3/1/2013	210.0	no data	no data	3/1/2013	44.0	3/1/2013	290.0	3/1/2013	4.4	10/17/2011	0.02	3/1/2013	4.89	
	no data	10/31/2011	1.6	10/17/2011	0.66	no data	no data	4/1/2013	200.0	no data	no data	4/1/2013	40.0	4/1/2013	250.0	4/1/2013	4.1	10/31/2011	0.02	4/1/2013	4.44	
	no data	11/28/2011	1.6	10/31/2011	0.77	no data	no data	5/1/2013	210.0	no data	no data	5/1/2013	47.0	5/1/2013	280.0	5/1/2013	3.9	11/28/2011	0.02	5/1/2013	4.84	
	no data	12/12/2011	1.4	12/12/2011	0.55	no data	no data	6/3/2013	190.0	10/31/2011	0.41	6/3/2013	39.0	6/3/2013	250.0	6/3/2013	4.6	12/12/2011	0.02	6/3/2013	4.33	
Chemical Statistics																						
1,1,1-TCA		1,1-DCA		1,1-DCE		Chloroethane		cis-1,2-DCE		PCE		trans-1,2-DCE		TCE		Vinyl Chloride		TCA Group ⁴		TCE Group ⁴		
Does the Well Satisfy a Steady State Condition? ¹	#DIV/0!	YES	YES	#DIV/0!	YES	#DIV/0!	YES	YES	#DIV/0!	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	
Number of Data Points	0	6	5	0	8	1	8	8	8	8	8	8	8	6	8							
Slope	#DIV/0!	-0.010	-0.005	#DIV/0!	-0.118	#DIV/0!	-0.018	-0.096	-0.003	0.000	-0.002											
Intercept	#DIV/0!	410.2367	207.2804	#DIV/0!	5088.6103	#DIV/0!	793.0104	4244.5850	116.1447	7.8774	94.6906											
Standard Error of Estimates	#DIV/0!	0.208	0.102	#DIV/0!	8.805	#DIV/0!	3.339	14.405	0.315	0.003	0.203											
X Variable Coefficient	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	-0.11806641	Insufficient Data	-0.01813272	-0.09618825	-0.00270250	Insufficient Data	-0.00217700											
P-Value	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	0.039	Insufficient Data	0.328	0.239	0.144	Insufficient Data	0.080											
Trend Analysis ²	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Significant Negative Trend	Insufficient Data	No Significant Trend	No Significant Trend	No Significant Trend	Insufficient Data	No Significant Trend											
Trend Analysis Result ³	Continue Pumping	Continue Pumping	Continue Pumping	Continue Pumping	Evaluate System Optimization	Continue Pumping	Continue Pumping	Continue Pumping	Continue Pumping	Continue Pumping	Continue Pumping											

Notes:

- 1 - Steady-state (stable) = slope less than error
- 2 - Significant trend identified by P<0.05 (95% confidence; a positive trend indicates increasing chemical concentrations; a negative trend indicates decreasing chemical concentrations)
- 3 - Analysis result determined by the P value. If the P<0.05 an action is required (evaluate system optimization if the trend analysis is negative, Evaluate System Optimization if the trend is positive).
- 4 - TCA Group includes 1,1,1-TCA; 1,1-DCA; 1,1-DCE; Chloroethane. TCE Group includes cis-1,2-DCE; PCE; trans-1,2-DCE; TCE; Vinyl Chloride.
- 5 - The statistics for the TCA Group and the TCE Group were completed using the sum of the mass equivalents of the component compounds.

Acronyms:

- 'TCA' - Trichloethane.
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- 'TCE' - Trichloroethene.

Table 10

GE OHD 008 817 312

GE Aviation Evendale, Ohio - Groundwater IRM
Summary of Extraction Well Influent Chemical Statistical Approach

Chemical Data																						
EW-8D Sample Date and Result	1,1,1-TCA µg/L		1,1-DCA µg/L		1,1-DCE µg/L		Chloroethane µg/L		cis-1,2-DCE µg/L		PCE µg/L		trans-1,2-DCE µg/L		TCE µg/L		Vinyl Chloride µg/L		TCA Group ⁴ µmol/L		TCE Group ⁴ µmol/L	
	no data	11/1/2012	1.6	no data		no data		11/1/2012	7.5	no data		11/1/2012	3.9	no data		11/1/2012	9.7	11/1/2012	0.02	11/1/2012	0.27	
	no data	12/3/2012	1.6	no data		no data		12/3/2012	7.6	no data		12/3/2012	3.6	no data		12/3/2012	9.7	12/3/2012	0.02	12/3/2012	0.27	
	no data	1/2/2013	1.6	9/26/2011	0.46	no data		1/2/2013	7.5	no data		1/2/2013	3.7	no data		1/2/2013	12.0	1/2/2013	0.02	1/2/2013	0.31	
	no data	2/1/2013	1.5	10/17/2011	0.53	no data		2/1/2013	6.8	no data		2/1/2013	3.5	no data		2/1/2013	9.1	2/1/2013	0.02	2/1/2013	0.25	
	no data	3/1/2013	1.7	10/31/2011	0.43	no data		3/1/2013	6.7	no data		3/1/2013	3.5	no data		3/1/2013	11.0	3/1/2013	0.02	3/1/2013	0.28	
	no data	4/1/2013	1.3	11/14/2011	0.43	no data		4/1/2013	6.4	no data		4/1/2013	3.0	no data		4/1/2013	8.2	4/1/2013	0.01	4/1/2013	0.23	
	no data	5/1/2013	1.7	4/2/2012	0.7	no data		5/1/2013	6.8	no data		5/1/2013	3.3	no data		5/1/2013	8.2	5/1/2013	0.02	5/1/2013	0.24	
	no data	6/3/2013	1.4	5/1/2012	0.42	no data		6/3/2013	6.1	no data		6/3/2013	3.0	no data		6/3/2013	8.5	6/3/2013	0.01	6/3/2013	0.23	
Chemical Statistics																						
1,1,1-TCA		1,1-DCA		1,1-DCE		Chloroethane		cis-1,2-DCE		PCE		trans-1,2-DCE		TCE		Vinyl Chloride		TCA Group ⁴		TCE Group ⁴		
Does the Well Satisfy a Steady State Condition? ¹	#DIV/0!	YES	YES	#DIV/0!	YES	#DIV/0!	YES	YES	#DIV/0!	YES	#DIV/0!	YES	#DIV/0!	YES	YES	YES	YES	YES	YES			
Number of Data Points	0	8	6	0	8	0	8	0	8	0	8	0	8	0	8	8	8	8	8			
Slope	#DIV/0!	-0.001	0.000	#DIV/0!	-0.007	#DIV/0!	-0.004	#DIV/0!	-0.010	#DIV/0!	-0.010	#DIV/0!	-0.010	#DIV/0!	0.000	0.000	0.000	0.000	0.000			
Intercept	#DIV/0!	28.1192	-16.0565	#DIV/0!	286.9587	#DIV/0!	164.9880	#DIV/0!	422.4055	#DIV/0!	1.243	#DIV/0!	0.2842	#DIV/0!	11.1831							
Standard Error of Estimates	#DIV/0!	0.144	0.113	#DIV/0!	0.257	#DIV/0!	0.149	#DIV/0!	0.001	#DIV/0!	0.167	#DIV/0!	0.001	#DIV/0!	0.022							
X Variable Coefficient	Insufficient Data	-0.00064300	Insufficient Data	Insufficient Data	-0.00677706	Insufficient Data	-0.00390966	Insufficient Data	-0.00999146	Insufficient Data	-0.00000650	Insufficient Data	-0.00000650	Insufficient Data	-0.00026436							
P-Value	Insufficient Data	0.415	Insufficient Data	Insufficient Data	0.002	Insufficient Data	0.002	Insufficient Data	0.167	Insufficient Data	0.415	Insufficient Data	0.055	Insufficient Data								
Trend Analysis ²	Insufficient Data	No Significant Trend	Insufficient Data	Insufficient Data	Significant Negative Trend	Insufficient Data	Significant Negative Trend	Insufficient Data	No Significant Trend	Insufficient Data	No Significant Trend	Insufficient Data	No Significant Trend	Insufficient Data	No Significant Trend							
Trend Analysis Result ³	Continue Pumping	Continue Pumping	Continue Pumping	Continue Pumping	Evaluate System Optimization	Continue Pumping	Evaluate System Optimization	Continue Pumping	Continue Pumping	Continue Pumping	Continue Pumping	Continue Pumping	Continue Pumping	Continue Pumping	Continue Pumping							

Notes:

- 1 - Steady-state (stable) = slope less than error
- 2 - Significant trend identified by P<0.05 (95% confidence; a positive trend indicates increasing chemical concentrations; a negative trend indicates decreasing chemical concentrations)
- 3 - Analysis result determined by the P value. If the P<0.05 an action is required (evaluate system optimization if the trend analysis is negative, Evaluate System Optimization if the trend is positive).
- 4 - TCA Group includes 1,1,1-TCA; 1,1-DCA; 1,1-DCE; Chloroethane. TCE Group includes cis-1,2-DCE; PCE; trans-1,2-DCE; TCE; Vinyl Chloride.
- 5 - The statistics for the TCA Group and the TCE Group were completed using the sum of the mass equivalents of the component compounds.

Acronyms:

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Table 11

GE OHD 000 817 312
GE Aviation_Evendale, Ohio - Groundwater IRM
Comparison of Semiannual Groundwater Sampling Results (2Q-13) to MCLs for Detected Parameters Only

Location	Sample Date	USEPA MCL	AF-21D 5/8/2013	AF-23P 5/8/2013	AF-24P 5/8/2013	AF-25P 5/8/2013	AF-2P 5/8/2013	AF-3P 5/8/2013	AF-5D 5/9/2013	AF-5P 5/9/2013	AF-5S 5/9/2013	AF-7D 5/8/2013	AF-7P 5/8/2013
FIELD PARAMETERS	units	units											
pH	S.U.		7.53	7.39	7.10	7.36	6.97	6.61	7.15	6.98	7.16	7.34	6.84
Conductivity (mS/cm)	mS/cm		1.221	0.846	3.861	2.805	1.092	0.769	0.951	1.093	1.013	1.07	1.147
Turbidity (NTUs)	NTUs		NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
DO (mg/L)	mg/L		0.30	0.31	0.21	0.25	0.24	0.23	0.85	1.33	0.70	1.50	2.33
Temperature (°C)	Deg C		16.40	21.03	19.68	19.78	16.54	16.59	14.51	16.16	16.47	14.71	18.11
ORP (mV)	mV		-169.4	-122.6	-128.0	-166.5	-32.1	-69.9	-126.3	-7.4	-157.7	-135.7	-137.5
DETECTABLE VOCs	units	units											
1,1,1-Trichloroethane	ug/l	200	< 1	240	330	190	2.2	51	< 1	24	< 1	< 1	6.3
1,1,2-Trichloroethane	ug/l	5	< 1	< 1	< 5	< 2	< 1	< 1	< 1	< 2	< 1	< 1	< 1
1,1-Dichloroethane	ug/l	7	< 1	47	120	14	7.1	5.9	< 1	4.1	5.8	< 1	11
1,1-Dichloroethene	ug/l	7	< 1	12	46	21	< 1	6.4	< 1	4.1	0.58 J	< 1	< 1
2-Butanone (MEK)	ug/l	--	< 10	< 10	< 50	< 20	< 10	< 10	< 10	< 20	< 10	< 10	< 10
Acetone	ug/l	--	4.4 J	3.5 J	< 50	< 20	4 J	7 J	4.5 J	< 20	< 10	< 10	< 10
Benzene	ug/l	5	< 1	< 1	< 5	1.2 J	< 1	< 1	< 1	< 2	0.5 J	< 1	< 1
Carbon Disulfide	ug/l	--	< 1	< 1	< 5	< 2	< 1	< 1	< 1	< 2	< 1	< 1	< 1
Chloroethane	ug/l	--	< 1	< 1	< 5	91	< 1	< 1	< 1	< 2	0.48 J	< 1	< 1
Chloroform	ug/l	--	< 1	4.1	< 5	< 2	< 1	1.7	< 1	< 2	< 1	< 1	< 1
cis-1,2-Dichloroethene	ug/l	70	< 1	14	230	9.2	< 1	6.5	< 1	2.8	3.3	< 1	16
Tetrachloroethene	ug/l	5	< 1	4.7	5.6	3.3	< 1	8.3	< 1	1.5 J	< 1	< 1	< 1
trans-1,2-Dichloroethene	ug/l	100	< 1	0.91 J	< 5	3.3	< 1	< 1	< 1	< 2	< 1	< 1	< 1
Trichloroethene	ug/l	5	< 1	290	260	230	37	100	< 1	120	< 1	< 1	7.7
Vinyl chloride	ug/l	2	< 1	< 1	< 5	< 2	< 1	< 1	< 1	< 2	48	< 1	< 1

Notes:

- 1) J = Estimated
- 2) NM = Not Measured
- 3) ** = Equipment malfunction
- 4) Yellow highlighting indicates exceedance of USEPA MCL

Table 11

GE OHD 000 817 312
GE Aviation_Evendale, Ohio - Groundwater IRM
Comparison of Semiannual Groundwater Sampling Results (2Q-13) to MCLs for Detected Parameters Only

Location	Sample Date	USEPA MCL	AF-7S 5/8/2013	AF-9S 5/9/2013	AOC LDMW-1S 5/8/2013	AOC PSTMW-1SR 5/13/2013	AOC PSTMW-2S 5/8/2013	H-221 5/9/2013	OSMW-1D 5/9/2013	OSMW-1P 5/9/2013	OSMW-1S 5/9/2013	OSMW-2P 5/9/2013
FIELD PARAMETERS	units	units										
pH	S.U.		7.28	6.97	6.25	6.78	6.89	6.86	7.18	6.64	6.94	7.12
Conductivity (mS/cm)	mS/cm		0.886	0.866	0.836	3.26	2.587	1.119	1.371	1.406	1.325	1.373
Turbidity (NTUs)	NTUs		NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
DO (mg/L)	mg/L		1.11	0.96	0.42	0.94	1.12	0.93	0.62	1.23	0.71	0.80
Temperature (°c)	Deg C		17.56	16.82	20.09	15.69	16.81	16.70	15.30	15.86	16.24	16.69
ORP (mV)	mV		-144.2	-121.3	-5.2	-72.5	32.0	-50.8	-144.0	-6.7	-111.8	-113.2
DETECTABLE VOCs	units	units										
1,1,1-Trichloroethane	ug/l	200	< 10	< 1	410	< 1	27	37	< 1	< 1	< 4	< 1
1,1,2-Trichloroethane	ug/l	5	< 10	< 1	0.71 J	< 1	< 1	< 1	< 1	< 1	< 4	< 1
1,1-Dichloroethane	ug/l	7	18	1.6	25	< 1	< 1	3.2	3	2.4	4.5	6.7
1,1-Dichloroethene	ug/l	7	5 J	< 1	14	< 1	0.59 J	5.8	< 1	< 1	3.1 J	< 1
2-Butanone (MEK)	ug/l	--	< 100	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 40	< 10
Acetone	ug/l	--	< 100	< 10	7.3 J	4.9 J	4.6 J	6.9 J	3.1 J	< 10	< 40	6 J
Benzene	ug/l	5	< 10	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 4	0.43 J
Carbon Disulfide	ug/l	--	< 10	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 4	< 1
Chloroethane	ug/l	--	< 10	< 1	0.74 J	< 1	< 1	< 1	< 1	< 1	< 4	< 1
Chloroform	ug/l	--	< 10	< 1	3.2	< 1	< 1	< 1	< 1	< 1	< 4	< 1
cis-1,2-Dichloroethene	ug/l	70	670	2.2	5.2	< 1	< 1	2.7	41	< 1	270	27
Tetrachloroethene	ug/l	5	< 10	< 1	2.3	< 1	< 1	< 1	< 1	< 1	< 4	< 1
trans-1,2-Dichloroethene	ug/l	100	< 10	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 4	< 1
Trichloroethene	ug/l	5	< 10	< 1	340	< 1	7.6	68	< 1	< 1	< 4	< 1
Vinyl chloride	ug/l	2	660	20	< 1	< 1	< 1	1	61	< 1	180	33

Notes:

- 1) J = Estimated
- 2) NM = Not Measured
- 3) ** = Equipment malfunction
- 4) Yellow highlighting indicates exceedance of USEPA MCL

Table 11

GE OHD 000 817 312
GE Aviation_Evendale, Ohio - Groundwater IRM
Comparison of Semiannual Groundwater Sampling Results (2Q-13) to MCLs for Detected Parameters Only

Location	Sample Date	USEPA MCL	OSMW-3D 5/8/2013	OSMW-3S 5/8/2013	OSMW-4D 5/8/2013	OSMW-4S 5/8/2013	OSMW-5D 5/9/2013	OSMW-5S 5/9/2013	OSMW-6D 5/9/2013	OSMW-6S 5/9/2013	OSMW-7D 5/9/2013	OSMW-8D 5/8/2013	OSMW-8S 5/8/2013	
FIELD PARAMETERS	units	units												
pH	S.U.		6.95	7.20	7.10	6.90	7.19	7.15	7.44	7.13	6.87	7.41		11.85
Conductivity (mS/cm)	mS/cm		0.426	0.908	0.945	1.004	1.222	1.116	0.753	0.763	0.321	0.863		4.7
Turbidity (NTUs)	NTUs		NM		NM									
DO (mg/L)	mg/L		0.64	0.78	0.16	0.25	0.84	0.90	0.96	0.99	1.17	0.08		0.50
Temperature (°C)	Deg C		15.84	17.56	15.53	16.73	14.76	15.72	15.00	16.72	14.88	19.95		16.37
ORP (mV)	mV		-103.6	-130.2	-127.3	-128.5	-126.0	-128.4	-186.9	-148.7	-91.2	-140.7		-145.8
DETECTABLE VOCs	units	units												
1,1,1-Trichloroethane	ug/l	200	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1		< 1
1,1,2-Trichloroethane	ug/l	5	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1		< 1
1,1-Dichloroethane	ug/l	7	4.2	< 1	8.7	0.86	J	< 2	1.8	3.4	1.8	< 1		3.8
1,1-Dichloroethene	ug/l	7	< 1	< 1	1.5	< 1	1.3	J	0.59	J	0.71	J	5.4	< 1
2-Butanone (MEK)	ug/l	--	< 10	< 10	< 10	< 10	< 20	< 10	< 10	< 10	< 10	< 10		< 10
Acetone	ug/l	--	< 10	< 10	< 10	< 10	6.9	J	6	J	< 10	8.8	J	4.8
Benzene	ug/l	5	1.2	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1		< 1
Carbon Disulfide	ug/l	--	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1		< 1
Chloroethane	ug/l	--	< 1	< 1	< 1	< 1	< 2	< 1	1.9	3	< 1	< 1		< 1
Chloroform	ug/l	--	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1		< 1
cis-1,2-Dichloroethene	ug/l	70	1.4	0.94	J	39	< 1	170	11	7	33	< 1	1	0.84
Tetrachloroethene	ug/l	5	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1		< 1
trans-1,2-Dichloroethene	ug/l	100	< 1	< 1	12	< 1	4.7	0.94	J	< 1	< 1	< 1		< 1
Trichloroethene	ug/l	5	1.7	< 1	< 1	0.65	J	< 2	< 1	< 1	< 1	< 1		< 1
Vinyl chloride	ug/l	2	3.2	3.2	50	1.3	11	9	42	8.5	1.5	43		6.7

Notes:

- 1) J = Estimated
- 2) NM = Not Measured
- 3) ** = Equipment malfunction
- 4) Yellow highlighting indicates exceedance of USEPA MCL

Table 11

GE OHD 000 817 312
GE Aviation_Evendale, Ohio - Groundwater IRM
Comparison of Semiannual Groundwater Sampling Results (2Q-13) to MCLs for Detected Parameters Only

Location Sample Date	USEPA MCL	TMW-1D	TMW-1S	TMW-2D	TMW-2S	
		5/8/2013	5/8/2013	5/8/2013	5/8/2013	
FIELD PARAMETERS	units	units				
pH	S.U.		6.94	7.04	7.06	7.20
Conductivity (mS/cm)	mS/cm		1.667	1.807	1.087	0.879
Turbidity (NTUs)	NTUs		NM	NM	NM	NM
DO (mg/L)	mg/L		0.22	0.33	0.83	0.20
Temperature (°C)	Deg C		15.14	17.25	15.42	17.23
ORP (mV)	mV		-134.9	-131.1	-155.9	-162.4
DETECTABLE VOCs	units	units				
1,1,1-Trichloroethane	ug/l	200	< 1	< 1	< 5	< 1
1,1,2-Trichloroethane	ug/l	5	< 1	< 1	< 5	< 1
1,1-Dichloroethane	ug/l	7	< 1	< 1	< 5	< 1
1,1-Dichloroethene	ug/l	7	< 1	< 1	< 5	< 1
2-Butanone (MEK)	ug/l	--	< 10	< 10	< 50	< 10
Acetone	ug/l	--	< 10	< 10	< 50	< 10
Benzene	ug/l	5	< 1	< 1	2.3 J	< 1
Carbon Disulfide	ug/l	--	< 1	< 1	< 5	< 1
Chloroethane	ug/l	--	< 1	< 1	< 5	< 1
Chloroform	ug/l	--	< 1	< 1	< 5	< 1
cis-1,2-Dichloroethene	ug/l	70	< 1	1.5	340	< 1
Tetrachloroethene	ug/l	5	< 1	< 1	< 5	< 1
trans-1,2-Dichloroethene	ug/l	100	< 1	< 1	110	< 1
Trichloroethene	ug/l	5	< 1	< 1	2.9 J	0.55 J
Vinyl chloride	ug/l	2	< 1	6	39	< 1

Notes:

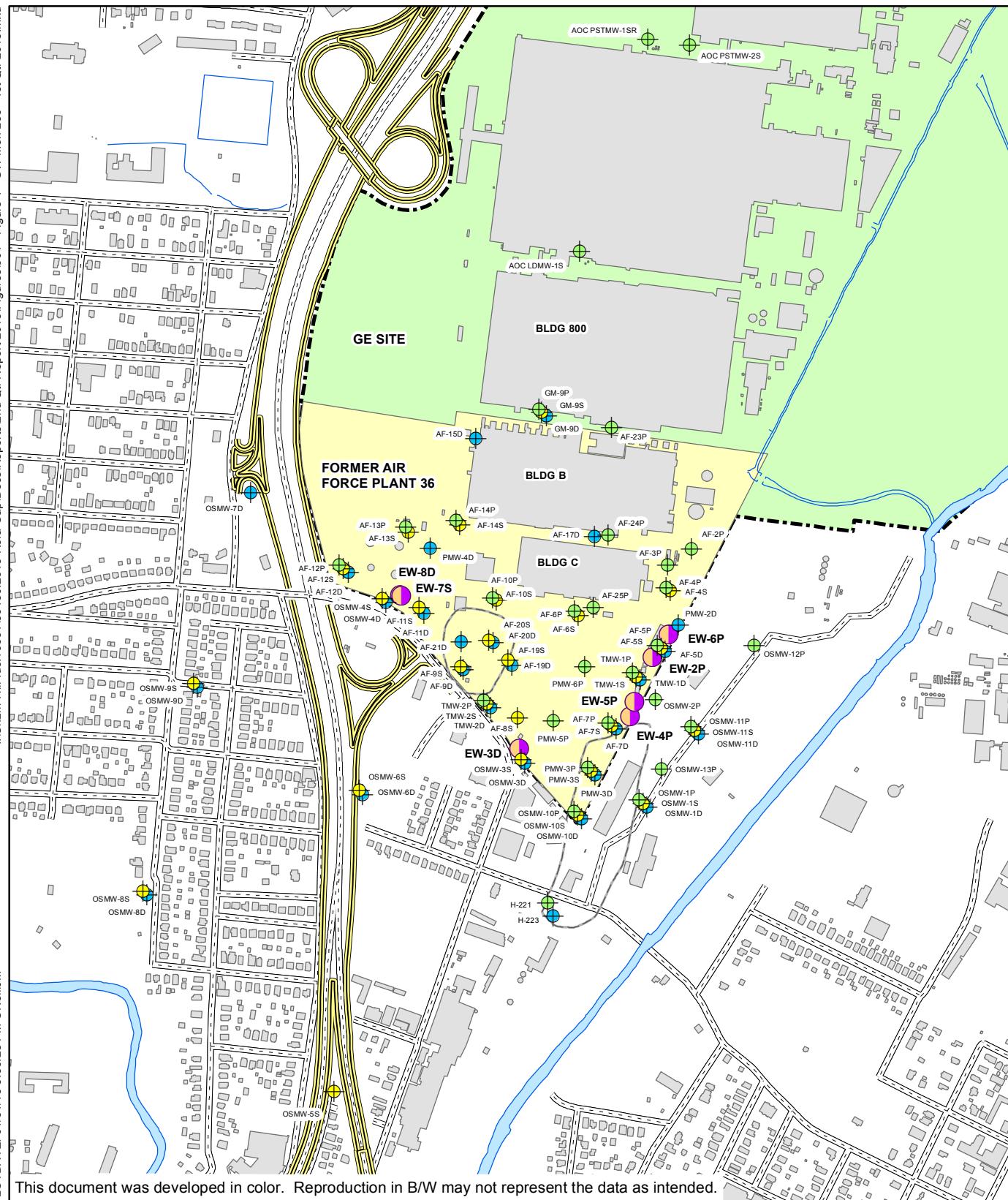
- 1) J = Estimated
- 2) NM = Not Measured
- 3) ** = Equipment malfunction
- 4) Yellow highlighting indicates exceedance of USEPA MCL

Figures

FIGURE 1

I:\Ch2m-Hill\dc\10361\50150\2013-Rcra-Cap\Docs\Reports\2nd Qtr Report 2013\Faure 1 - Faure 1 - GW Mon Loc - 1st Qtr 2013.mxd

PHOTDATE: 01/31/13 5:30:28 PM ONeillJM



GE
EVENDALE, OHIO



LEGEND

- PERCHED MONITORING WELL LOCATION
 - USG MONITORING WELL LOCATION
 - LSG MONITORING WELL LOCATION
 - EXTRATION WELL

GROUNDWATER IRM MONITORING LOCATIONS

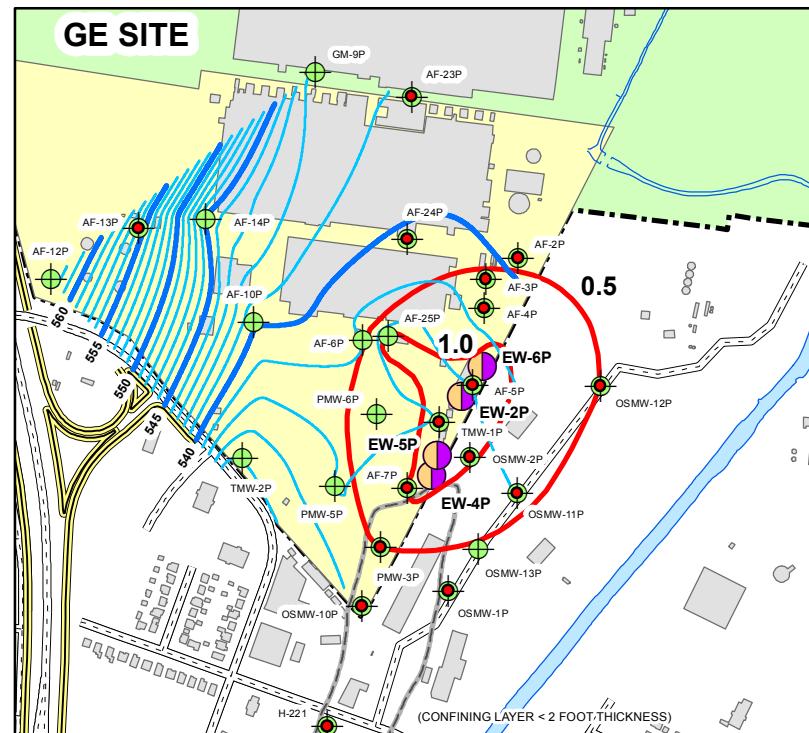
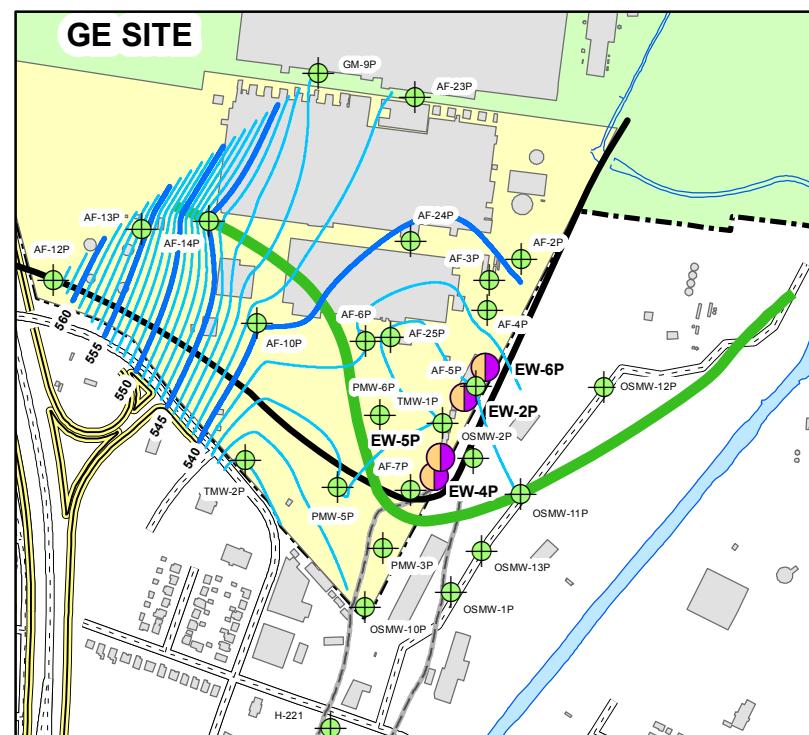
0 440 880 1,320 1,760

Feet

FIGURE 2

I:\Ch2m-Hill\dc.1036\150150.2013-Rcr-Cap\Docs\Reports\2nd Qtr Report 2013\Figures002 - Figure 2 - Perched 1st Qtr 2013.mxd

PLOT DATE: 7/31/2013 O'NeillUM

Perched Zone**Approximate Drawdown (ft)
April 2, 2013***Based on Manual & Transducer Measurements***Estimated Drawdown
(feet)** **Perched Zone****Design Capture
Zone (320 gpm)** **Apparent Capture
Zone (175 gpm)
4/2/2013** 

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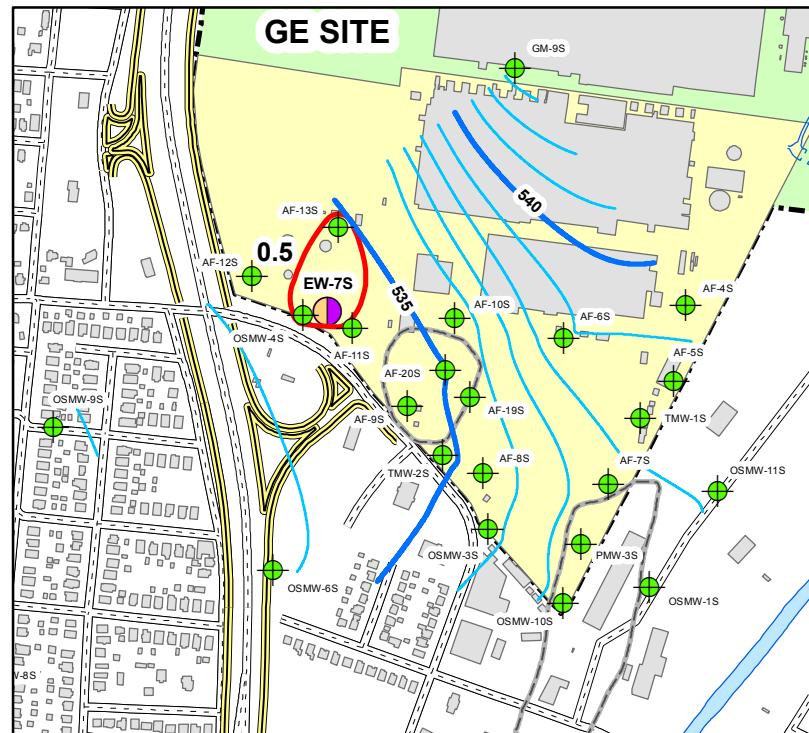
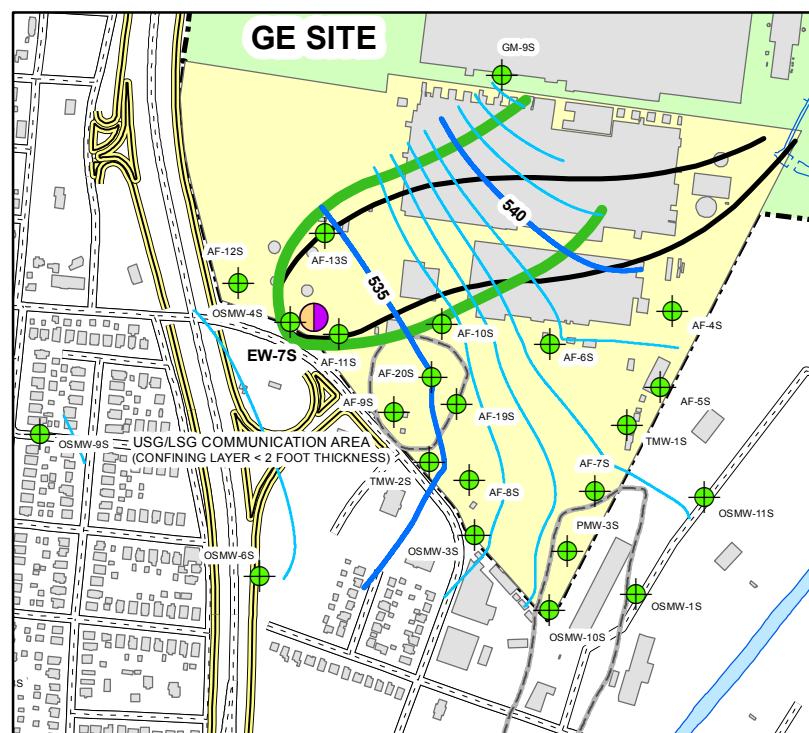
GE
EVENDALE, OHIO

**PERCHED UNIT
ESTIMATED DRAWDOWN
AND CAPTURE ZONE**



FIGURE 3

I:\CH2m-Hill\dc.10361\50150.2013\Rcrs-Cap\Docs\Reports\2nd Qtr Report\2013\Figures\003 - USG - 1st Qtr 2013.mxd

USG Zone**Approximate Drawdown (ft)**
April 2, 2013*Based on Manual & Transducer Measurements***Estimated Drawdown
(feet)** **USG Zone****Design Capture
Zone (80 gpm)** **Apparent Capture
Zone (23 gpm)
4/2/2013** 

PLOT DATE: 03/14/13 4:18:26 PM OneillJM

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**GE
EVENDALE, OHIO**

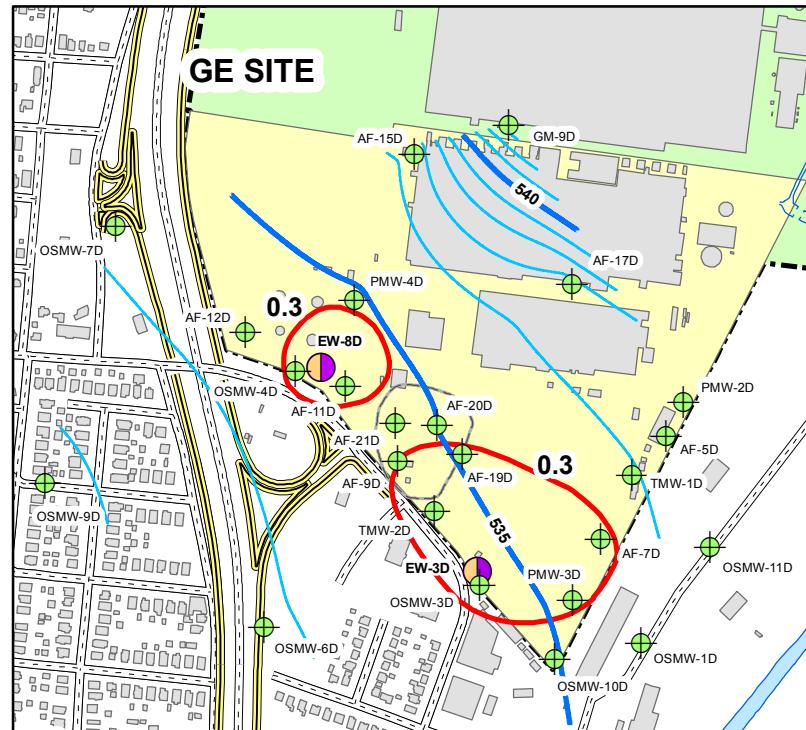
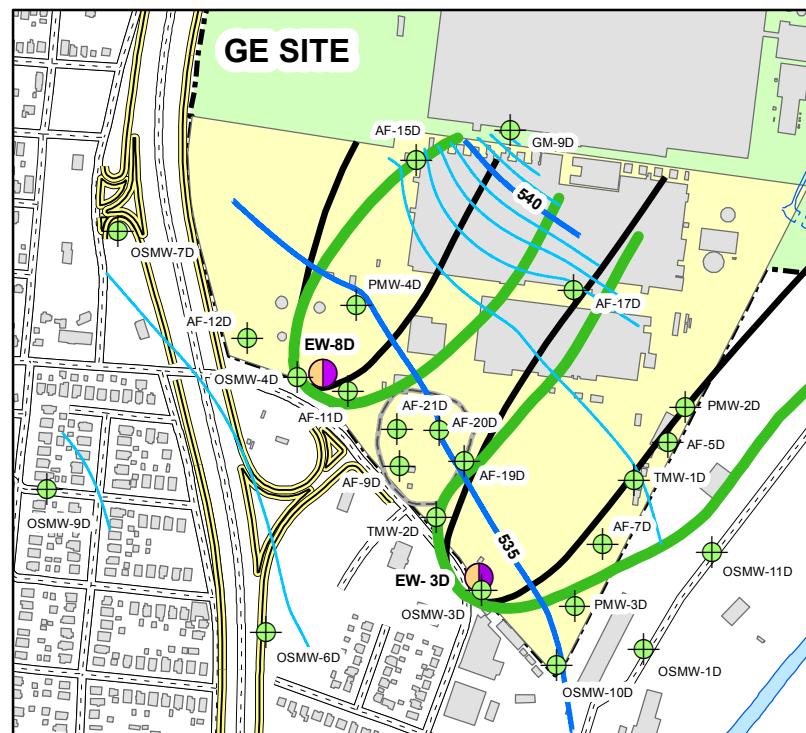
N

**USG UNIT
ESTIMATED DRAWDOWN
AND CAPTURE ZONE**

FIGURE 4

I:\Ch2m-Hill\lhc.10361\50150\2013-Rcr-Cap\Docs\Reports\2nd Qtr Report 2013\Figures\004 - Figure 4 - LSG - 1st Qtr 2013.mxd

PLOT DATE: 2/21/2013 O'Neill M

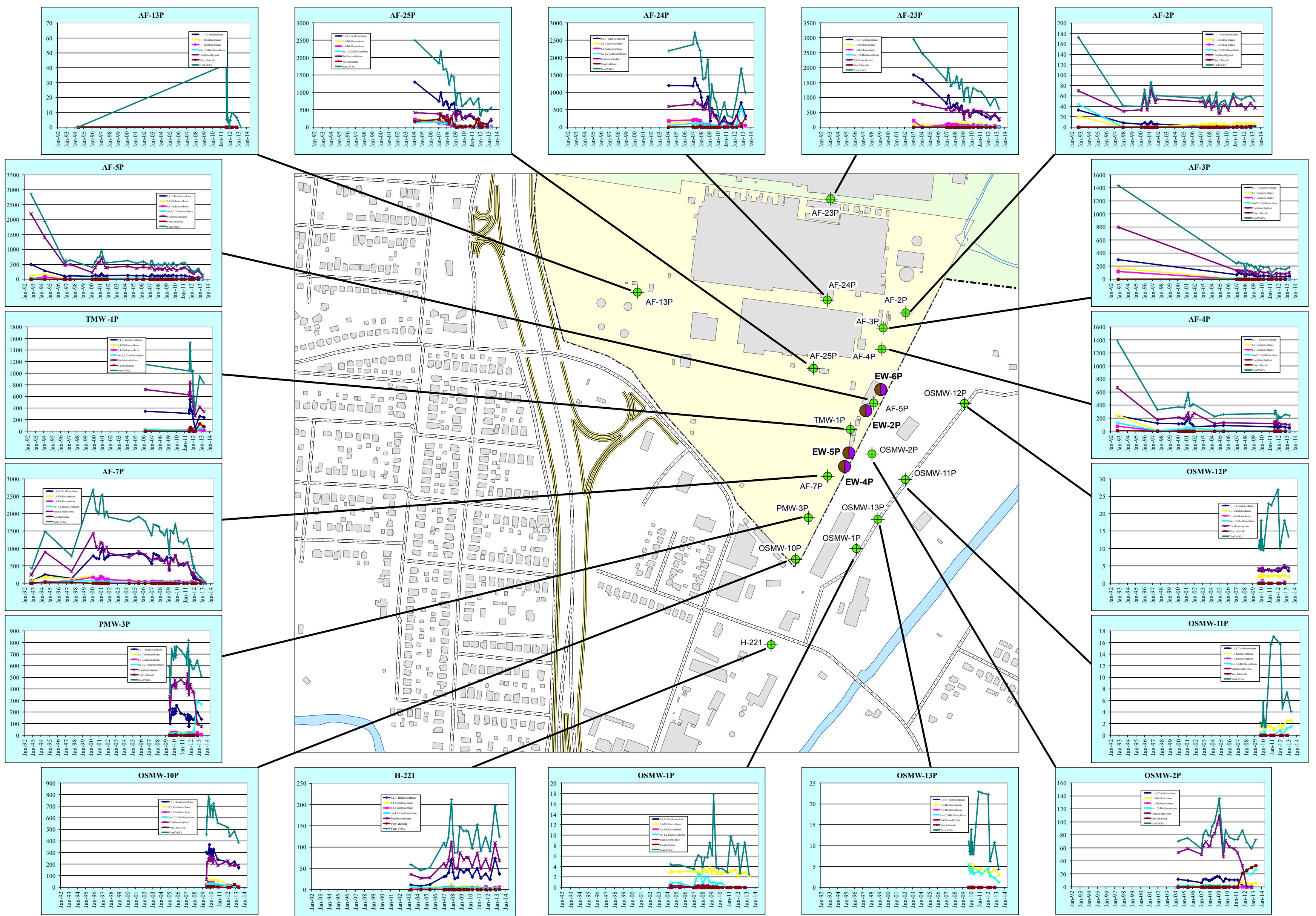
LSG Zone**Approximate Drawdown (ft)
April 2, 2013***Based on Manual & Transducer
Measurements***Estimated Drawdown
(feet)** **LSG Zone****Design Capture
Zone (160 gpm)** **Apparent Capture
Zone (98 gpm)
4/2/2013** 

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GE
EVENDALE, OHIO



**LSG UNIT
ESTIMATED DRAWDOWN
AND CAPTURE ZONES**



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LEGEND

-  PERCHED AQUIFER MONITORING WELL - GROUNDWATER SAMPLE COLLECTED FOR ANALYTICAL ANALYSIS
 - PERCHED AQUIFER EXTRACTION WELL

GRAPH KEY

- ◆ 1,1,1-TRICHLOROETHANE
- ◆ 1,1-DICHLOROETHANE
- ◆ 1,1-DICHLOROETHENE
- ◆ CIS-1,2-DICHLOROETHENE
- ◆ TRICHLOROETHYLENE
- ◆ VINYL CHLORIDE
- ◆ TOTAL VOCs

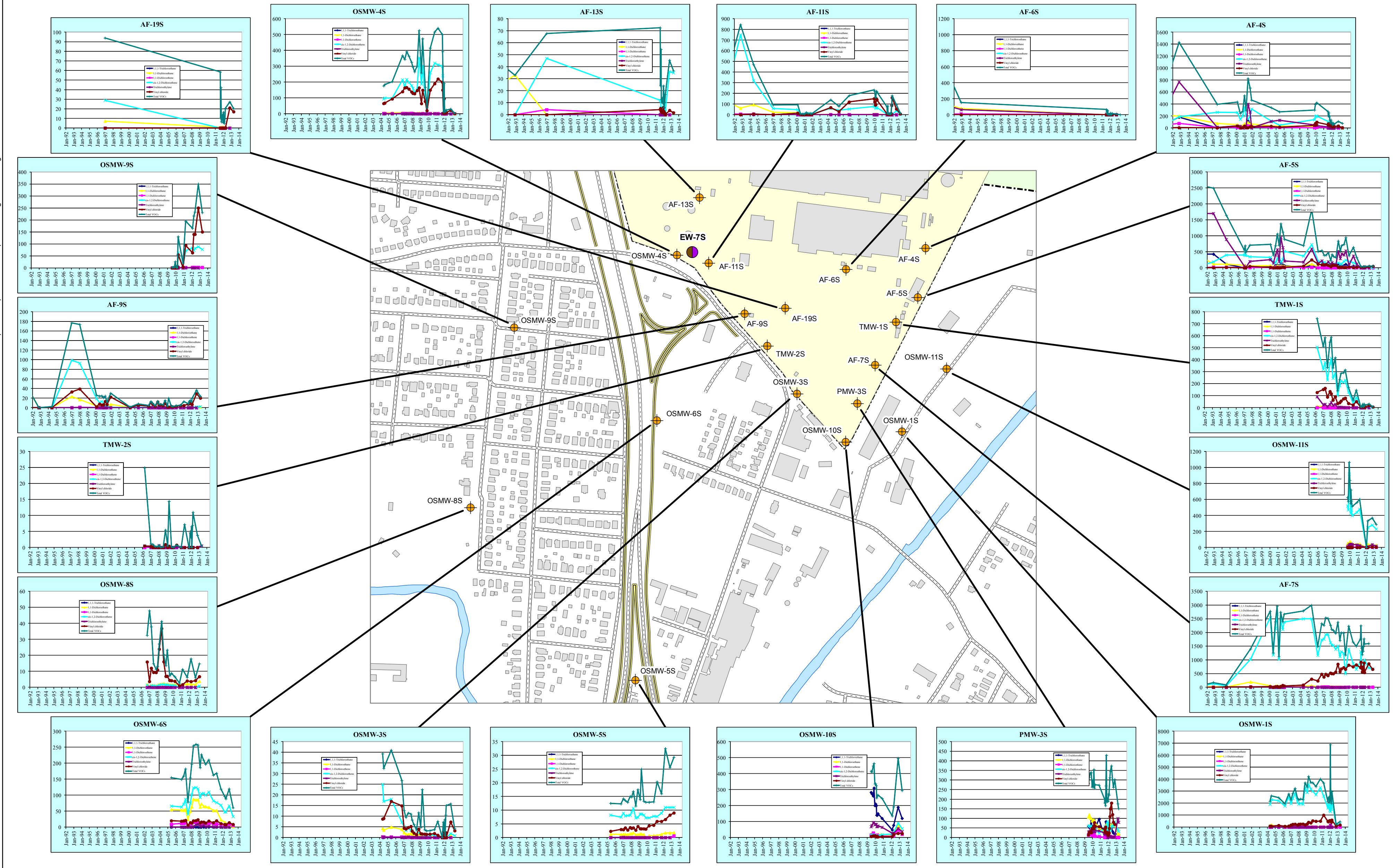
NOTES:

1. RESULTS ARE SHOWN IN ug/l.
2. NON-DETECTED RESULTS ARE SHOWN AT THE X AXIS.
3. CONCENTRATION SCALE MAY VARY BY GRAPH

PERCHED AQUIFER HISTORICAL GROUNDWATER ANALYTICAL RESULTS FOR IRM MONITORING WELLS

NOVEMBER 2012
10361\48556-005





USG AQUIFER HISTORICAL GROUNDWATER ANALYTICAL RESULTS FOR IRM MONITORING WELLS

NOTES:
1. RESULTS ARE SHOWN IN ug/l.
2. NON-DETECTED RESULTS ARE SHOWN AT THE X AXIS.
3. CONCENTRATION SCALE MAY VARY BY GRAPH.

0 250 500 1,000
Feet

NOVEMBER 2012
1036148556-006

O'BRIEN & GERE

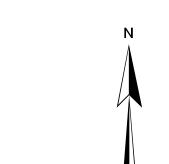
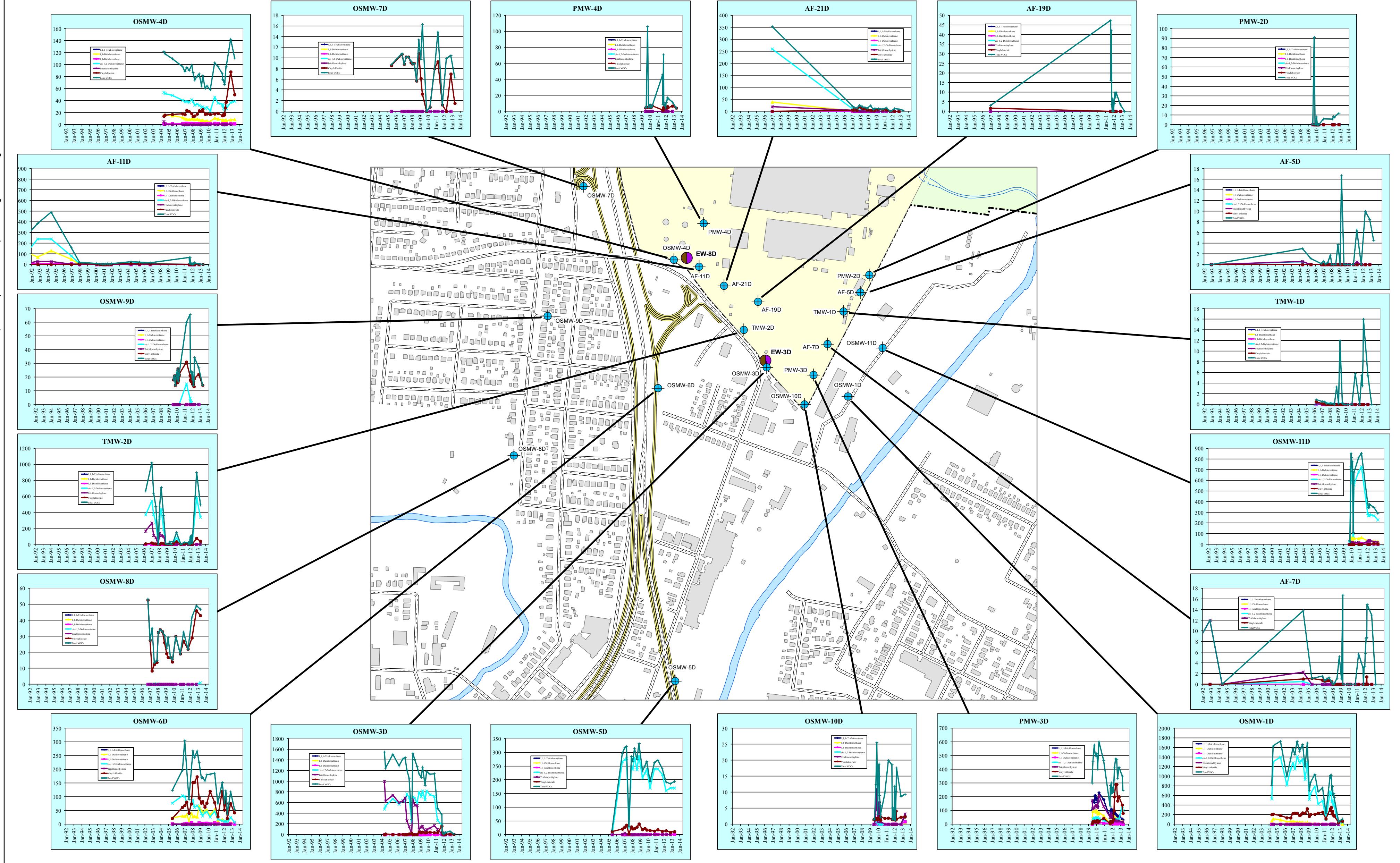


FIGURE 6



LSG AQUIFER HISTORICAL GROUNDWATER ANALYTICAL RESULTS FOR IRM MONITORING WELLS

0 250 500 1,000
Feet

NOVEMBER 2012
1036148556-007

O'BRIEN & GERE



FIGURE 7

Appendix A
Analytical Laboratory
Reports

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Buffalo

10 Hazelwood Drive

Amherst, NY 14228-2298

Tel: (716)691-2600

TestAmerica Job ID: 480-35467-1

TestAmerica Sample Delivery Group: 480-35467

Client Project/Site: GE - IRM Project

For:

O'Brien & Gere Inc of North America
37000 Grand River Ave
Suite 260
Farmington Hills, Michigan 48335

Attn: Mr. Tony Finch

Authorized for release by:

4/12/2013 4:29:24 PM

Joe Giacomazza
Project Administrator
joe.giacomazza@testamericainc.com

Designee for

John Schove
Project Manager I
john.schove@testamericainc.com

LINKS

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results through

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Ask
The
Expert

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www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - IRM Project

TestAmerica Job ID: 480-35467-1
SDG: 480-35467

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation These commonly used abbreviations may or may not be present in this report.

□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: O'Brien & Gere Inc of North America
Project/Site: GE - IRM Project

TestAmerica Job ID: 480-35467-1
SDG: 480-35467

Job ID: 480-35467-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-35467-1

Receipt

The samples were received on 4/3/2013 9:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.1° C.

GC/MS VOA

Method(s) 8260B: The following samples were diluted to bring the concentration of target analytes within the calibration range: PMW-3D 040213 (480-35467-3). Elevated reporting limits (RLs) are provided.

Method(s) 8260B: The continuing calibration verification (CCV) for Chloroethane associated with batch 111859 recovered above the upper control limit. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

No other analytical or quality issues were noted.

Detection Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - IRM Project

TestAmerica Job ID: 480-35467-1
SDG: 480-35467

Client Sample ID: Trip Blank 040213

Lab Sample ID: 480-35467-1

No Detections.

Client Sample ID: PMW-3S 040213

Lab Sample ID: 480-35467-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	16		1.0	0.82	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	21		1.0	0.38	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	0.53 J		1.0	0.29	ug/L	1		8260B	Total/NA
Chloroform	0.39 J		1.0	0.34	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	39		1.0	0.81	ug/L	1		8260B	Total/NA
Trichloroethene	99		1.0	0.46	ug/L	1		8260B	Total/NA

Client Sample ID: PMW-3D 040213

Lab Sample ID: 480-35467-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	37		1.0	0.82	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	22		1.0	0.38	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	3.4		1.0	0.29	ug/L	1		8260B	Total/NA
Benzene	0.62 J		1.0	0.41	ug/L	1		8260B	Total/NA
Carbon disulfide	0.20 J		1.0	0.19	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	1.2		1.0	0.90	ug/L	1		8260B	Total/NA
Trichloroethene	17		1.0	0.46	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene - DL	130		2.0	1.6	ug/L	2		8260B	Total/NA
Vinyl chloride - DL	140		2.0	1.8	ug/L	2		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE - IRM Project

TestAmerica Job ID: 480-35467-1
 SDG: 480-35467

Client Sample ID: Trip Blank 040213

Lab Sample ID: 480-35467-1

Matrix: Water

Date Collected: 04/02/13 00:00

Date Received: 04/03/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L		04/08/13 17:45		1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L		04/08/13 17:45		1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L		04/08/13 17:45		1
1,1-Dichloroethane	ND		1.0	0.38	ug/L		04/08/13 17:45		1
1,1-Dichloroethene	ND		1.0	0.29	ug/L		04/08/13 17:45		1
1,2-Dichloroethane	ND		1.0	0.21	ug/L		04/08/13 17:45		1
1,2-Dichloropropane	ND		1.0	0.72	ug/L		04/08/13 17:45		1
2-Hexanone	ND		5.0	1.2	ug/L		04/08/13 17:45		1
2-Butanone (MEK)	ND		10	1.3	ug/L		04/08/13 17:45		1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L		04/08/13 17:45		1
Acetone	ND		10	3.0	ug/L		04/08/13 17:45		1
Benzene	ND		1.0	0.41	ug/L		04/08/13 17:45		1
Bromodichloromethane	ND		1.0	0.39	ug/L		04/08/13 17:45		1
Bromoform	ND		1.0	0.26	ug/L		04/08/13 17:45		1
Bromomethane	ND		1.0	0.69	ug/L		04/08/13 17:45		1
Carbon disulfide	ND		1.0	0.19	ug/L		04/08/13 17:45		1
Carbon tetrachloride	ND		1.0	0.27	ug/L		04/08/13 17:45		1
Chlorobenzene	ND		1.0	0.75	ug/L		04/08/13 17:45		1
Dibromochloromethane	ND		1.0	0.32	ug/L		04/08/13 17:45		1
Chloroethane	ND		1.0	0.32	ug/L		04/08/13 17:45		1
Chloroform	ND		1.0	0.34	ug/L		04/08/13 17:45		1
Chloromethane	ND		1.0	0.35	ug/L		04/08/13 17:45		1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L		04/08/13 17:45		1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L		04/08/13 17:45		1
Ethylbenzene	ND		1.0	0.74	ug/L		04/08/13 17:45		1
Methylene Chloride	ND		1.0	0.44	ug/L		04/08/13 17:45		1
Styrene	ND		1.0	0.73	ug/L		04/08/13 17:45		1
Tetrachloroethene	ND		1.0	0.36	ug/L		04/08/13 17:45		1
Toluene	ND		1.0	0.51	ug/L		04/08/13 17:45		1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L		04/08/13 17:45		1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L		04/08/13 17:45		1
Trichloroethene	ND		1.0	0.46	ug/L		04/08/13 17:45		1
Vinyl chloride	ND		1.0	0.90	ug/L		04/08/13 17:45		1
Xylenes, Total	ND		2.0	0.66	ug/L		04/08/13 17:45		1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107			66 - 137			04/08/13 17:45		1
Toluene-d8 (Surr)	98			71 - 126			04/08/13 17:45		1
4-Bromofluorobenzene (Surr)	102			73 - 120			04/08/13 17:45		1

TestAmerica Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE - IRM Project

TestAmerica Job ID: 480-35467-1
 SDG: 480-35467

Client Sample ID: PMW-3S 040213

Lab Sample ID: 480-35467-2

Matrix: Water

Date Collected: 04/02/13 09:15
 Date Received: 04/03/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	16		1.0	0.82	ug/L		04/08/13 18:10		1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L		04/08/13 18:10		1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L		04/08/13 18:10		1
1,1-Dichloroethane	21		1.0	0.38	ug/L		04/08/13 18:10		1
1,1-Dichloroethene	0.53 J		1.0	0.29	ug/L		04/08/13 18:10		1
1,2-Dichloroethane	ND		1.0	0.21	ug/L		04/08/13 18:10		1
1,2-Dichloropropane	ND		1.0	0.72	ug/L		04/08/13 18:10		1
2-Hexanone	ND		5.0	1.2	ug/L		04/08/13 18:10		1
2-Butanone (MEK)	ND		10	1.3	ug/L		04/08/13 18:10		1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L		04/08/13 18:10		1
Acetone	ND		10	3.0	ug/L		04/08/13 18:10		1
Benzene	ND		1.0	0.41	ug/L		04/08/13 18:10		1
Bromodichloromethane	ND		1.0	0.39	ug/L		04/08/13 18:10		1
Bromoform	ND		1.0	0.26	ug/L		04/08/13 18:10		1
Bromomethane	ND		1.0	0.69	ug/L		04/08/13 18:10		1
Carbon disulfide	ND		1.0	0.19	ug/L		04/08/13 18:10		1
Carbon tetrachloride	ND		1.0	0.27	ug/L		04/08/13 18:10		1
Chlorobenzene	ND		1.0	0.75	ug/L		04/08/13 18:10		1
Dibromochloromethane	ND		1.0	0.32	ug/L		04/08/13 18:10		1
Chloroethane	ND		1.0	0.32	ug/L		04/08/13 18:10		1
Chloroform	0.39 J		1.0	0.34	ug/L		04/08/13 18:10		1
Chloromethane	ND		1.0	0.35	ug/L		04/08/13 18:10		1
cis-1,2-Dichloroethene	39		1.0	0.81	ug/L		04/08/13 18:10		1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L		04/08/13 18:10		1
Ethylbenzene	ND		1.0	0.74	ug/L		04/08/13 18:10		1
Methylene Chloride	ND		1.0	0.44	ug/L		04/08/13 18:10		1
Styrene	ND		1.0	0.73	ug/L		04/08/13 18:10		1
Tetrachloroethene	ND		1.0	0.36	ug/L		04/08/13 18:10		1
Toluene	ND		1.0	0.51	ug/L		04/08/13 18:10		1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L		04/08/13 18:10		1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L		04/08/13 18:10		1
Trichloroethene	99		1.0	0.46	ug/L		04/08/13 18:10		1
Vinyl chloride	ND		1.0	0.90	ug/L		04/08/13 18:10		1
Xylenes, Total	ND		2.0	0.66	ug/L		04/08/13 18:10		1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108			66 - 137			04/08/13 18:10		1
Toluene-d8 (Surr)	97			71 - 126			04/08/13 18:10		1
4-Bromofluorobenzene (Surr)	103			73 - 120			04/08/13 18:10		1

TestAmerica Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE - IRM Project

TestAmerica Job ID: 480-35467-1
 SDG: 480-35467

Client Sample ID: PMW-3D 040213

Lab Sample ID: 480-35467-3

Matrix: Water

Date Collected: 04/02/13 09:45
 Date Received: 04/03/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	37		1.0	0.82	ug/L			04/10/13 00:37	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/10/13 00:37	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/10/13 00:37	1
1,1-Dichloroethane	22		1.0	0.38	ug/L			04/10/13 00:37	1
1,1-Dichloroethene	3.4		1.0	0.29	ug/L			04/10/13 00:37	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/10/13 00:37	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/10/13 00:37	1
2-Hexanone	ND		5.0	1.2	ug/L			04/10/13 00:37	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/10/13 00:37	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/10/13 00:37	1
Acetone	ND		10	3.0	ug/L			04/10/13 00:37	1
Benzene	0.62	J	1.0	0.41	ug/L			04/10/13 00:37	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/10/13 00:37	1
Bromoform	ND		1.0	0.26	ug/L			04/10/13 00:37	1
Bromomethane	ND		1.0	0.69	ug/L			04/10/13 00:37	1
Carbon disulfide	0.20	J	1.0	0.19	ug/L			04/10/13 00:37	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/10/13 00:37	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/10/13 00:37	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/10/13 00:37	1
Chloroethane	ND		1.0	0.32	ug/L			04/10/13 00:37	1
Chloroform	ND		1.0	0.34	ug/L			04/10/13 00:37	1
Chloromethane	ND		1.0	0.35	ug/L			04/10/13 00:37	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/10/13 00:37	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/10/13 00:37	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/10/13 00:37	1
Styrene	ND		1.0	0.73	ug/L			04/10/13 00:37	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/10/13 00:37	1
Toluene	ND		1.0	0.51	ug/L			04/10/13 00:37	1
trans-1,2-Dichloroethene	1.2		1.0	0.90	ug/L			04/10/13 00:37	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/10/13 00:37	1
Trichloroethene	17		1.0	0.46	ug/L			04/10/13 00:37	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/10/13 00:37	1

Surrogate

	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		66 - 137		04/10/13 00:37	1
Toluene-d8 (Surr)	101		71 - 126		04/10/13 00:37	1
4-Bromofluorobenzene (Surr)	98		73 - 120		04/10/13 00:37	1

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	130		2.0	1.6	ug/L			04/10/13 09:54	2
Vinyl chloride	140		2.0	1.8	ug/L			04/10/13 09:54	2
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		66 - 137					04/10/13 09:54	2
Toluene-d8 (Surr)	99		71 - 126					04/10/13 09:54	2
4-Bromofluorobenzene (Surr)	98		73 - 120					04/10/13 09:54	2

Surrogate Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - IRM Project

TestAmerica Job ID: 480-35467-1
SDG: 480-35467

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	12DCE (66-137)	TOL (71-126)	BFB (73-120)								
480-35467-1	Trip Blank 040213	107	98	102								
480-35467-2	PMW-3S 040213	108	97	103								
480-35467-3	PMW-3D 040213	101	101	98								
480-35467-3 - DL	PMW-3D 040213	102	99	98								
LCS 480-111489/3	Lab Control Sample	95	98	101								
LCS 480-111816/8	Lab Control Sample	100	99	102								
LCS 480-111859/6	Lab Control Sample	100	99	101								
MB 480-111489/4	Method Blank	99	97	101								
MB 480-111816/5	Method Blank	101	101	98								
MB 480-111859/5	Method Blank	102	101	98								

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

QC Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - IRM Project

TestAmerica Job ID: 480-35467-1
SDG: 480-35467

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-111489/4

Matrix: Water

Analysis Batch: 111489

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	Dil Fac						
	Result	Qualifier		RL	MDL	Unit	D	Prepared	Analyzed
1,1,1-Trichloroethane	ND		1	1.0	0.82	ug/L		04/08/13 12:09	1
1,1,2,2-Tetrachloroethane	ND		1	1.0	0.21	ug/L		04/08/13 12:09	1
1,1,2-Trichloroethane	ND		1	1.0	0.23	ug/L		04/08/13 12:09	1
1,1-Dichloroethane	ND		1	1.0	0.38	ug/L		04/08/13 12:09	1
1,1-Dichloroethene	ND		1	1.0	0.29	ug/L		04/08/13 12:09	1
1,2-Dichloroethane	ND		1	1.0	0.21	ug/L		04/08/13 12:09	1
1,2-Dichloropropane	ND		1	1.0	0.72	ug/L		04/08/13 12:09	1
2-Hexanone	ND		1	5.0	1.2	ug/L		04/08/13 12:09	1
2-Butanone (MEK)	ND		1	10	1.3	ug/L		04/08/13 12:09	1
4-Methyl-2-pentanone (MIBK)	ND		1	5.0	2.1	ug/L		04/08/13 12:09	1
Acetone	ND		1	10	3.0	ug/L		04/08/13 12:09	1
Benzene	ND		1	1.0	0.41	ug/L		04/08/13 12:09	1
Bromodichloromethane	ND		1	1.0	0.39	ug/L		04/08/13 12:09	1
Bromoform	ND		1	1.0	0.26	ug/L		04/08/13 12:09	1
Bromomethane	ND		1	1.0	0.69	ug/L		04/08/13 12:09	1
Carbon disulfide	ND		1	1.0	0.19	ug/L		04/08/13 12:09	1
Carbon tetrachloride	ND		1	1.0	0.27	ug/L		04/08/13 12:09	1
Chlorobenzene	ND		1	1.0	0.75	ug/L		04/08/13 12:09	1
Dibromochloromethane	ND		1	1.0	0.32	ug/L		04/08/13 12:09	1
Chloroethane	ND		1	1.0	0.32	ug/L		04/08/13 12:09	1
Chloroform	ND		1	1.0	0.34	ug/L		04/08/13 12:09	1
Chloromethane	ND		1	1.0	0.35	ug/L		04/08/13 12:09	1
cis-1,2-Dichloroethene	ND		1	1.0	0.81	ug/L		04/08/13 12:09	1
cis-1,3-Dichloropropene	ND		1	1.0	0.36	ug/L		04/08/13 12:09	1
Ethylbenzene	ND		1	1.0	0.74	ug/L		04/08/13 12:09	1
Methylene Chloride	ND		1	1.0	0.44	ug/L		04/08/13 12:09	1
Styrene	ND		1	1.0	0.73	ug/L		04/08/13 12:09	1
Tetrachloroethene	ND		1	1.0	0.36	ug/L		04/08/13 12:09	1
Toluene	ND		1	1.0	0.51	ug/L		04/08/13 12:09	1
trans-1,2-Dichloroethene	ND		1	1.0	0.90	ug/L		04/08/13 12:09	1
trans-1,3-Dichloropropene	ND		1	1.0	0.37	ug/L		04/08/13 12:09	1
Trichloroethene	ND		1	1.0	0.46	ug/L		04/08/13 12:09	1
Vinyl chloride	ND		1	1.0	0.90	ug/L		04/08/13 12:09	1
Xylenes, Total	ND		1	2.0	0.66	ug/L		04/08/13 12:09	1

Surrogate	MB	MB	Dil Fac				
	%Recovery	Qualifier		Limits	Prepared	Analyzed	
1,2-Dichloroethane-d4 (Surr)	99		1	66 - 137		04/08/13 12:09	
Toluene-d8 (Surr)	97		1	71 - 126		04/08/13 12:09	
4-Bromofluorobenzene (Surr)	101		1	73 - 120		04/08/13 12:09	

Lab Sample ID: LCS 480-111489/3

Matrix: Water

Analysis Batch: 111489

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike	LCS			Unit	D	%Rec	Limits	Dil Fac
	Added	Result	Qualifier	Unit					
1,1,1-Trichloroethane	25.0	25.0		ug/L		100	73 - 126		
1,1,2,2-Tetrachloroethane	25.0	23.0		ug/L		92	70 - 126		
1,1,2-Trichloroethane	25.0	24.2		ug/L		97	76 - 122		

TestAmerica Buffalo

QC Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE - IRM Project

TestAmerica Job ID: 480-35467-1
 SDG: 480-35467

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-111489/3

Matrix: Water

Analysis Batch: 111489

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS		Unit	D	%Rec	%Rec.
		Result	Qualifier				
1,1-Dichloroethane	25.0	23.2		ug/L		93	71 - 129
1,1-Dichloroethene	25.0	24.4		ug/L		97	58 - 121
1,2-Dichloroethane	25.0	24.5		ug/L		98	75 - 127
1,2-Dichloropropane	25.0	22.8		ug/L		91	76 - 120
2-Hexanone	125	115		ug/L		92	65 - 127
2-Butanone (MEK)	125	115		ug/L		92	57 - 140
4-Methyl-2-pentanone (MIBK)	125	111		ug/L		89	71 - 125
Acetone	125	118		ug/L		94	56 - 142
Benzene	25.0	23.4		ug/L		94	71 - 124
Bromodichloromethane	25.0	25.3		ug/L		101	80 - 122
Bromoform	25.0	25.0		ug/L		100	66 - 128
Bromomethane	25.0	22.8		ug/L		91	55 - 144
Carbon disulfide	25.0	23.3		ug/L		93	59 - 134
Carbon tetrachloride	25.0	24.7		ug/L		99	72 - 134
Chlorobenzene	25.0	24.1		ug/L		96	72 - 120
Dibromochloromethane	25.0	25.8		ug/L		103	75 - 125
Chloroethane	25.0	24.3		ug/L		97	69 - 136
Chloroform	25.0	24.2		ug/L		97	73 - 127
Chloromethane	25.0	24.2		ug/L		97	68 - 124
cis-1,2-Dichloroethene	25.0	24.4		ug/L		98	74 - 124
cis-1,3-Dichloropropene	25.0	24.5		ug/L		98	74 - 124
Ethylbenzene	25.0	24.3		ug/L		97	77 - 123
Methylene Chloride	25.0	24.0		ug/L		96	57 - 132
Styrene	25.0	25.0		ug/L		100	70 - 130
Tetrachloroethene	25.0	23.6		ug/L		95	74 - 122
Toluene	25.0	24.0		ug/L		96	80 - 122
trans-1,2-Dichloroethene	25.0	24.7		ug/L		99	73 - 127
trans-1,3-Dichloropropene	25.0	24.4		ug/L		98	72 - 123
Trichloroethene	25.0	24.5		ug/L		98	74 - 123
Vinyl chloride	25.0	25.4		ug/L		102	65 - 133
Xylenes, Total	75.0	73.9		ug/L		99	76 - 122

Surrogate	LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	95		66 - 137
Toluene-d8 (Surr)	98		71 - 126
4-Bromofluorobenzene (Surr)	101		73 - 120

Lab Sample ID: MB 480-111816/5

Matrix: Water

Analysis Batch: 111816

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/09/13 21:30	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/09/13 21:30	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/09/13 21:30	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/09/13 21:30	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/09/13 21:30	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/09/13 21:30	1

TestAmerica Buffalo

QC Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE - IRM Project

TestAmerica Job ID: 480-35467-1
 SDG: 480-35467

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-111816/5

Matrix: Water

Analysis Batch: 111816

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier									
1,2-Dichloropropane	ND				1.0	0.72	ug/L			04/09/13 21:30	1
2-Hexanone	ND				5.0	1.2	ug/L			04/09/13 21:30	1
2-Butanone (MEK)	ND				10	1.3	ug/L			04/09/13 21:30	1
4-Methyl-2-pentanone (MIBK)	ND				5.0	2.1	ug/L			04/09/13 21:30	1
Acetone	ND				10	3.0	ug/L			04/09/13 21:30	1
Benzene	ND				1.0	0.41	ug/L			04/09/13 21:30	1
Bromodichloromethane	ND				1.0	0.39	ug/L			04/09/13 21:30	1
Bromoform	ND				1.0	0.26	ug/L			04/09/13 21:30	1
Bromomethane	ND				1.0	0.69	ug/L			04/09/13 21:30	1
Carbon disulfide	ND				1.0	0.19	ug/L			04/09/13 21:30	1
Carbon tetrachloride	ND				1.0	0.27	ug/L			04/09/13 21:30	1
Chlorobenzene	ND				1.0	0.75	ug/L			04/09/13 21:30	1
Dibromochloromethane	ND				1.0	0.32	ug/L			04/09/13 21:30	1
Chloroethane	ND				1.0	0.32	ug/L			04/09/13 21:30	1
Chloroform	ND				1.0	0.34	ug/L			04/09/13 21:30	1
Chloromethane	ND				1.0	0.35	ug/L			04/09/13 21:30	1
cis-1,2-Dichloroethene	ND				1.0	0.81	ug/L			04/09/13 21:30	1
cis-1,3-Dichloropropene	ND				1.0	0.36	ug/L			04/09/13 21:30	1
Ethylbenzene	ND				1.0	0.74	ug/L			04/09/13 21:30	1
Methylene Chloride	ND				1.0	0.44	ug/L			04/09/13 21:30	1
Styrene	ND				1.0	0.73	ug/L			04/09/13 21:30	1
Tetrachloroethene	ND				1.0	0.36	ug/L			04/09/13 21:30	1
Toluene	ND				1.0	0.51	ug/L			04/09/13 21:30	1
trans-1,2-Dichloroethene	ND				1.0	0.90	ug/L			04/09/13 21:30	1
trans-1,3-Dichloropropene	ND				1.0	0.37	ug/L			04/09/13 21:30	1
Trichloroethene	ND				1.0	0.46	ug/L			04/09/13 21:30	1
Vinyl chloride	ND				1.0	0.90	ug/L			04/09/13 21:30	1
Xylenes, Total	ND				2.0	0.66	ug/L			04/09/13 21:30	1

Surrogate	MB	MB	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
1,2-Dichloroethane-d4 (Surr)	101		101		66 - 137		04/09/13 21:30	1
Toluene-d8 (Surr)	101		101		71 - 126		04/09/13 21:30	1
4-Bromofluorobenzene (Surr)	98		98		73 - 120		04/09/13 21:30	1

Lab Sample ID: LCS 480-111816/8

Matrix: Water

Analysis Batch: 111816

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike	LCS	LCS	%Rec.		
	Added	Result	Qualifier	Unit	D	%Rec
1,1,1-Trichloroethane	25.0	26.5		ug/L	106	73 - 126
1,1,2,2-Tetrachloroethane	25.0	24.9		ug/L	100	70 - 126
1,1,2-Trichloroethane	25.0	26.0		ug/L	104	76 - 122
1,1-Dichloroethane	25.0	24.9		ug/L	99	71 - 129
1,1-Dichloroethene	25.0	23.8		ug/L	95	58 - 121
1,2-Dichloroethane	25.0	25.6		ug/L	103	75 - 127
1,2-Dichloropropane	25.0	25.8		ug/L	103	76 - 120
2-Hexanone	125	127		ug/L	102	65 - 127
2-Butanone (MEK)	125	122		ug/L	97	57 - 140

TestAmerica Buffalo

QC Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE - IRM Project

TestAmerica Job ID: 480-35467-1
 SDG: 480-35467

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-111816/8

Matrix: Water

Analysis Batch: 111816

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA

Analyte	Spike	LCS		Unit	D	%Rec	%Rec.
	Added	Result	Qualifier				
4-Methyl-2-pentanone (MIBK)	125	124		ug/L		99	71 - 125
Acetone	125	128		ug/L		102	56 - 142
Benzene	25.0	25.3		ug/L		101	71 - 124
Bromodichloromethane	25.0	23.7		ug/L		95	80 - 122
Bromoform	25.0	22.6		ug/L		90	66 - 128
Bromomethane	25.0	25.5		ug/L		102	55 - 144
Carbon disulfide	25.0	26.5		ug/L		106	59 - 134
Carbon tetrachloride	25.0	20.4		ug/L		81	72 - 134
Chlorobenzene	25.0	25.6		ug/L		102	72 - 120
Dibromochloromethane	25.0	22.9		ug/L		92	75 - 125
Chloroethane	25.0	22.6		ug/L		90	69 - 136
Chloroform	25.0	25.4		ug/L		102	73 - 127
Chloromethane	25.0	28.2		ug/L		113	68 - 124
cis-1,2-Dichloroethene	25.0	29.1		ug/L		117	74 - 124
cis-1,3-Dichloropropene	25.0	26.4		ug/L		106	74 - 124
Ethylbenzene	25.0	25.7		ug/L		103	77 - 123
Methylene Chloride	25.0	22.3		ug/L		89	57 - 132
Styrene	25.0	26.8		ug/L		107	70 - 130
Tetrachloroethene	25.0	26.2		ug/L		105	74 - 122
Toluene	25.0	25.5		ug/L		102	80 - 122
trans-1,2-Dichloroethene	25.0	25.0		ug/L		100	73 - 127
trans-1,3-Dichloropropene	25.0	23.3		ug/L		93	72 - 123
Trichloroethene	25.0	26.3		ug/L		105	74 - 123
Vinyl chloride	25.0	25.7		ug/L		103	65 - 133
Xylenes, Total	75.0	78.3		ug/L		104	76 - 122

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	100		66 - 137
Toluene-d8 (Surr)	99		71 - 126
4-Bromofluorobenzene (Surr)	102		73 - 120

Lab Sample ID: MB 480-111859/5

Matrix: Water

Analysis Batch: 111859

Client Sample ID: Method Blank
 Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/10/13 09:09	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/10/13 09:09	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/10/13 09:09	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/10/13 09:09	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/10/13 09:09	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/10/13 09:09	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/10/13 09:09	1
2-Hexanone	ND		5.0	1.2	ug/L			04/10/13 09:09	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/10/13 09:09	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/10/13 09:09	1
Acetone	ND		10	3.0	ug/L			04/10/13 09:09	1
Benzene	ND		1.0	0.41	ug/L			04/10/13 09:09	1

TestAmerica Buffalo

QC Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE - IRM Project

TestAmerica Job ID: 480-35467-1
 SDG: 480-35467

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-111859/5

Matrix: Water

Analysis Batch: 111859

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	ND	ND									
Bromodichloromethane	ND	ND			1.0	0.39	ug/L			04/10/13 09:09	1
Bromoform	ND	ND			1.0	0.26	ug/L			04/10/13 09:09	1
Bromomethane	ND	ND			1.0	0.69	ug/L			04/10/13 09:09	1
Carbon disulfide	ND	ND			1.0	0.19	ug/L			04/10/13 09:09	1
Carbon tetrachloride	ND	ND			1.0	0.27	ug/L			04/10/13 09:09	1
Chlorobenzene	ND	ND			1.0	0.75	ug/L			04/10/13 09:09	1
Dibromochloromethane	ND	ND			1.0	0.32	ug/L			04/10/13 09:09	1
Chloroethane	ND	ND			1.0	0.32	ug/L			04/10/13 09:09	1
Chloroform	ND	ND			1.0	0.34	ug/L			04/10/13 09:09	1
Chloromethane	ND	ND			1.0	0.35	ug/L			04/10/13 09:09	1
cis-1,2-Dichloroethene	ND	ND			1.0	0.81	ug/L			04/10/13 09:09	1
cis-1,3-Dichloropropene	ND	ND			1.0	0.36	ug/L			04/10/13 09:09	1
Ethylbenzene	ND	ND			1.0	0.74	ug/L			04/10/13 09:09	1
Methylene Chloride	ND	ND			1.0	0.44	ug/L			04/10/13 09:09	1
Styrene	ND	ND			1.0	0.73	ug/L			04/10/13 09:09	1
Tetrachloroethene	ND	ND			1.0	0.36	ug/L			04/10/13 09:09	1
Toluene	ND	ND			1.0	0.51	ug/L			04/10/13 09:09	1
trans-1,2-Dichloroethene	ND	ND			1.0	0.90	ug/L			04/10/13 09:09	1
trans-1,3-Dichloropropene	ND	ND			1.0	0.37	ug/L			04/10/13 09:09	1
Trichloroethene	ND	ND			1.0	0.46	ug/L			04/10/13 09:09	1
Vinyl chloride	ND	ND			1.0	0.90	ug/L			04/10/13 09:09	1
Xylenes, Total	ND	ND			2.0	0.66	ug/L			04/10/13 09:09	1

MB MB

Surrogate	MB	MB	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
	Surrogate	%Recovery						
1,2-Dichloroethane-d4 (Surr)	102	102	102		66 - 137		04/10/13 09:09	1
Toluene-d8 (Surr)	101	101	101		71 - 126		04/10/13 09:09	1
4-Bromofluorobenzene (Surr)	98	98	98		73 - 120		04/10/13 09:09	1

Lab Sample ID: LCS 480-111859/6

Matrix: Water

Analysis Batch: 111859

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	MB	LCS	LCS	Unit	D	%Rec	Limits
		Result	Qualifier	Unit				
1,1,1-Trichloroethane	25.0	27.3		ug/L		109	73 - 126	
1,1,2,2-Tetrachloroethane	25.0	24.6		ug/L		98	70 - 126	
1,1,2-Trichloroethane	25.0	25.9		ug/L		104	76 - 122	
1,1-Dichloroethane	25.0	25.7		ug/L		103	71 - 129	
1,1-Dichloroethene	25.0	24.3		ug/L		97	58 - 121	
1,2-Dichloroethane	25.0	26.2		ug/L		105	75 - 127	
1,2-Dichloropropane	25.0	26.4		ug/L		106	76 - 120	
2-Hexanone	125	126		ug/L		101	65 - 127	
2-Butanone (MEK)	125	124		ug/L		99	57 - 140	
4-Methyl-2-pentanone (MIBK)	125	126		ug/L		101	71 - 125	
Acetone	125	127		ug/L		102	56 - 142	
Benzene	25.0	25.9		ug/L		104	71 - 124	
Bromodichloromethane	25.0	24.3		ug/L		97	80 - 122	
Bromoform	25.0	22.2		ug/L		89	66 - 128	
Bromomethane	25.0	31.2		ug/L		125	55 - 144	

TestAmerica Buffalo

QC Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE - IRM Project

TestAmerica Job ID: 480-35467-1
 SDG: 480-35467

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-111859/6

Matrix: Water

Analysis Batch: 111859

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS		Unit	D	%Rec	Limits	%Rec.
		Result	Qualifier					
Carbon disulfide	25.0	26.5		ug/L		106	59 - 134	
Carbon tetrachloride	25.0	22.9		ug/L		91	72 - 134	
Chlorobenzene	25.0	25.9		ug/L		104	72 - 120	
Dibromochloromethane	25.0	22.7		ug/L		91	75 - 125	
Chloroethane	25.0	24.9		ug/L		100	69 - 136	
Chloroform	25.0	25.7		ug/L		103	73 - 127	
Chloromethane	25.0	28.8		ug/L		115	68 - 124	
cis-1,2-Dichloroethene	25.0	30.7		ug/L		123	74 - 124	
cis-1,3-Dichloropropene	25.0	26.6		ug/L		107	74 - 124	
Ethylbenzene	25.0	26.1		ug/L		104	77 - 123	
Methylene Chloride	25.0	23.2		ug/L		93	57 - 132	
Styrene	25.0	27.2		ug/L		109	70 - 130	
Tetrachloroethene	25.0	26.2		ug/L		105	74 - 122	
Toluene	25.0	25.8		ug/L		103	80 - 122	
trans-1,2-Dichloroethene	25.0	26.2		ug/L		105	73 - 127	
trans-1,3-Dichloropropene	25.0	23.2		ug/L		93	72 - 123	
Trichloroethene	25.0	26.8		ug/L		107	74 - 123	
Vinyl chloride	25.0	27.1		ug/L		108	65 - 133	
Xylenes, Total	75.0	79.1		ug/L		105	76 - 122	

Surrogate	LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	100		66 - 137
Toluene-d8 (Surr)	99		71 - 126
4-Bromofluorobenzene (Surr)	101		73 - 120

QC Association Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - IRM Project

TestAmerica Job ID: 480-35467-1
SDG: 480-35467

GC/MS VOA

Analysis Batch: 111489

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-35467-1	Trip Blank 040213	Total/NA	Water	8260B	
480-35467-2	PMW-3S 040213	Total/NA	Water	8260B	
LCS 480-111489/3	Lab Control Sample	Total/NA	Water	8260B	
MB 480-111489/4	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 111816

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-35467-3	PMW-3D 040213	Total/NA	Water	8260B	
LCS 480-111816/8	Lab Control Sample	Total/NA	Water	8260B	
MB 480-111816/5	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 111859

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-35467-3 - DL	PMW-3D 040213	Total/NA	Water	8260B	
LCS 480-111859/6	Lab Control Sample	Total/NA	Water	8260B	
MB 480-111859/5	Method Blank	Total/NA	Water	8260B	

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Lab Chronicle

Client: O'Brien & Gere Inc of North America
Project/Site: GE - IRM Project

TestAmerica Job ID: 480-35467-1
SDG: 480-35467

Client Sample ID: Trip Blank 040213

Lab Sample ID: 480-35467-1

Matrix: Water

Date Collected: 04/02/13 00:00
Date Received: 04/03/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	111489	04/08/13 17:45	RJ	TAL BUF

Client Sample ID: PMW-3S 040213

Lab Sample ID: 480-35467-2

Matrix: Water

Date Collected: 04/02/13 09:15
Date Received: 04/03/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	111489	04/08/13 18:10	RJ	TAL BUF

Client Sample ID: PMW-3D 040213

Lab Sample ID: 480-35467-3

Matrix: Water

Date Collected: 04/02/13 09:45
Date Received: 04/03/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	111816	04/10/13 00:37	TRF	TAL BUF
Total/NA	Analysis	8260B	DL	2	111859	04/10/13 09:54	RL	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Certification Summary

Client: O'Brien & Gere Inc of North America
 Project/Site: GE - IRM Project

TestAmerica Job ID: 480-35467-1
 SDG: 480-35467

Laboratory: TestAmerica Buffalo

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0686	07-06-13
California	NELAP	9	1169CA	09-30-13
Connecticut	State Program	1	PH-0568	09-30-14
Florida	NELAP	4	E87672	06-30-13
Georgia	State Program	4	N/A	03-31-14
Georgia	State Program	4	956	06-30-13
Georgia	State Program	4	956	06-30-13
Illinois	NELAP	5	200003	09-30-13
Iowa	State Program	7	374	03-01-13 *
Kansas	NELAP	7	E-10187	01-31-14
Kentucky	State Program	4	90029	12-31-13
Kentucky (UST)	State Program	4	30	04-01-14
Louisiana	NELAP	6	02031	06-30-13
Maine	State Program	1	NY00044	12-04-13
Maryland	State Program	3	294	03-31-13 *
Massachusetts	State Program	1	M-NY044	06-30-13
Michigan	State Program	5	9937	04-01-13 *
Minnesota	NELAP	5	036-999-337	12-31-13
New Hampshire	NELAP	1	2973	09-11-13
New Hampshire	NELAP	1	2337	11-17-13
New Jersey	NELAP	2	NY455	06-30-13
New York	NELAP	2	10026	04-01-14
North Dakota	State Program	8	R-176	03-31-13 *
Oklahoma	State Program	6	9421	08-31-13
Oregon	NELAP	10	NY200003	06-09-13
Pennsylvania	NELAP	3	68-00281	07-31-13
Rhode Island	State Program	1	LAO00328	12-31-13
Tennessee	State Program	4	TN02970	04-01-14
Texas	NELAP	6	T104704412-11-2	07-31-13
USDA	Federal		P330-11-00386	11-22-14
Virginia	NELAP	3	460185	09-14-13
Washington	State Program	10	C784	02-10-14
West Virginia DEP	State Program	3	252	09-30-13
Wisconsin	State Program	5	998310390	08-31-13

* Expired certification is currently pending renewal and is considered valid.

TestAmerica Buffalo

Method Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - IRM Project

TestAmerica Job ID: 480-35467-1
SDG: 480-35467

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL BUF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

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Sample Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - IRM Project

TestAmerica Job ID: 480-35467-1
SDG: 480-35467

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-35467-1	Trip Blank 040213	Water	04/02/13 00:00	04/03/13 09:00
480-35467-2	PMW-3S 040213	Water	04/02/13 09:15	04/03/13 09:00
480-35467-3	PMW-3D 040213	Water	04/02/13 09:45	04/03/13 09:00

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Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-35467-1

SDG Number: 480-35467

Login Number: 35467

List Number: 1

Creator: Janish, Carl

List Source: TestAmerica Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	OBG
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Buffalo

10 Hazelwood Drive

Amherst, NY 14228-2298

Tel: (716)691-2600

TestAmerica Job ID: 480-37860-1

TestAmerica Sample Delivery Group: 480-37860

Client Project/Site: GE IRM Project

Sampling Event: GE IRM Project

For:

O'Brien & Gere Inc of North America

37000 Grand River Ave

Suite 260

Farmington Hills, Michigan 48335

Attn: Mr. Tony Finch



Authorized for release by:

5/31/2013 5:51:49 PM

John Schove, Project Manager I

john.schove@testamericainc.com

LINKS

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-37860-1
SDG: 480-37860

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation These commonly used abbreviations may or may not be present in this report.

□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-37860-1
SDG: 480-37860

Job ID: 480-37860-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-37860-1

Comments

No additional comments.

Receipt

The samples were received on 5/8/2013 9:15 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.3° C.

GC/MS VOA

Method 8260B: The following samples were diluted to bring the concentration of target analytes within the calibration range: AF-4P 050713 (480-37860-9), PMW-3P 050713 (480-37860-2), OSMW-10S 050713 (480-37860-6), PMW-3D 050713 (480-37860-4), TMW-1P 050713 (480-37860-8), OSMW-9S 050713 (480-37860-21). Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

Detection Summary

Client: O'Brien & Gere Inc of North America
 Project/Site: GE IRM Project

TestAmerica Job ID: 480-37860-1
 SDG: 480-37860

Client Sample ID: Trip Blank 050713

Lab Sample ID: 480-37860-1

No Detections.

Client Sample ID: PMW-3P 050713

Lab Sample ID: 480-37860-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	140		5.0	4.1	ug/L	5		8260B	Total/NA
1,1-Dichloroethane	16		5.0	1.9	ug/L	5		8260B	Total/NA
1,1-Dichloroethene	5.8		5.0	1.5	ug/L	5		8260B	Total/NA
cis-1,2-Dichloroethene	270		5.0	4.1	ug/L	5		8260B	Total/NA
Trichloroethene	79		5.0	2.3	ug/L	5		8260B	Total/NA

Client Sample ID: PMW-3S 050713

Lab Sample ID: 480-37860-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	14		1.0	0.82	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	19		1.0	0.38	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	0.44 J		1.0	0.29	ug/L	1		8260B	Total/NA
Acetone	4.8 J		10	3.0	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	32		1.0	0.81	ug/L	1		8260B	Total/NA
Trichloroethene	80		1.0	0.46	ug/L	1		8260B	Total/NA

Client Sample ID: PMW-3D 050713

Lab Sample ID: 480-37860-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	32		2.0	1.6	ug/L	2		8260B	Total/NA
1,1-Dichloroethane	19		2.0	0.76	ug/L	2		8260B	Total/NA
1,1-Dichloroethene	0.71 J		2.0	0.58	ug/L	2		8260B	Total/NA
cis-1,2-Dichloroethene	100		2.0	1.6	ug/L	2		8260B	Total/NA
Trichloroethene	16		2.0	0.92	ug/L	2		8260B	Total/NA
Vinyl chloride	79		2.0	1.8	ug/L	2		8260B	Total/NA

Client Sample ID: OSMW-10P 050713

Lab Sample ID: 480-37860-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	15		1.0	0.38	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	7.0		1.0	0.29	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	7.2		1.0	0.81	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.39 J		1.0	0.36	ug/L	1		8260B	Total/NA
Vinyl chloride	1.3		1.0	0.90	ug/L	1		8260B	Total/NA
1,1,1-Trichloroethane - DL	170		4.0	3.3	ug/L	4		8260B	Total/NA
Trichloroethene - DL	190		4.0	1.8	ug/L	4		8260B	Total/NA

Client Sample ID: OSMW-10S 050713

Lab Sample ID: 480-37860-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	120		2.0	1.6	ug/L	2		8260B	Total/NA
1,1-Dichloroethane	35		2.0	0.76	ug/L	2		8260B	Total/NA
1,1-Dichloroethene	21		2.0	0.58	ug/L	2		8260B	Total/NA
cis-1,2-Dichloroethene	56		2.0	1.6	ug/L	2		8260B	Total/NA
Trichloroethene	37		2.0	0.92	ug/L	2		8260B	Total/NA
Vinyl chloride	25		2.0	1.8	ug/L	2		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

Client: O'Brien & Gere Inc of North America
 Project/Site: GE IRM Project

TestAmerica Job ID: 480-37860-1
 SDG: 480-37860

Client Sample ID: OSMW-10D 050713

Lab Sample ID: 480-37860-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	2.5		1.0	0.82	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	0.57 J		1.0	0.38	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	0.79 J		1.0	0.29	ug/L	1		8260B	Total/NA
Trichloroethene	3.2		1.0	0.46	ug/L	1		8260B	Total/NA
Vinyl chloride	2.3		1.0	0.90	ug/L	1		8260B	Total/NA

Client Sample ID: TMW-1P 050713

Lab Sample ID: 480-37860-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	240		5.0	4.1	ug/L	5		8260B	Total/NA
1,1-Dichloroethane	100		5.0	1.9	ug/L	5		8260B	Total/NA
1,1-Dichloroethene	16		5.0	1.5	ug/L	5		8260B	Total/NA
cis-1,2-Dichloroethene	58		5.0	4.1	ug/L	5		8260B	Total/NA
Trichloroethene	340		5.0	2.3	ug/L	5		8260B	Total/NA
Vinyl chloride	81		5.0	4.5	ug/L	5		8260B	Total/NA

Client Sample ID: AF-4P 050713

Lab Sample ID: 480-37860-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	50		2.0	1.6	ug/L	2		8260B	Total/NA
1,1-Dichloroethane	6.6		2.0	0.76	ug/L	2		8260B	Total/NA
1,1-Dichloroethene	1.0 J		2.0	0.58	ug/L	2		8260B	Total/NA
2-Butanone (MEK)	4.4 J		20	2.6	ug/L	2		8260B	Total/NA
Acetone	63		20	6.0	ug/L	2		8260B	Total/NA
Chloroform	1.6 J		2.0	0.68	ug/L	2		8260B	Total/NA
cis-1,2-Dichloroethene	3.3		2.0	1.6	ug/L	2		8260B	Total/NA
Tetrachloroethene	13		2.0	0.72	ug/L	2		8260B	Total/NA
Trichloroethene	96		2.0	0.92	ug/L	2		8260B	Total/NA

Client Sample ID: AF-4S 050713

Lab Sample ID: 480-37860-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	3.2		1.0	0.38	ug/L	1		8260B	Total/NA
2-Butanone (MEK)	4.9 J		10	1.3	ug/L	1		8260B	Total/NA
Acetone	57		10	3.0	ug/L	1		8260B	Total/NA
Benzene	1.4		1.0	0.41	ug/L	1		8260B	Total/NA
Chloroethane	0.36 J		1.0	0.32	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	3.4		1.0	0.81	ug/L	1		8260B	Total/NA
Trichloroethene	0.47 J		1.0	0.46	ug/L	1		8260B	Total/NA
Vinyl chloride	7.5		1.0	0.90	ug/L	1		8260B	Total/NA

Client Sample ID: PMW-2D 050713

Lab Sample ID: 480-37860-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	5.0 J		10	1.3	ug/L	1		8260B	Total/NA
Acetone	48		10	3.0	ug/L	1		8260B	Total/NA

Client Sample ID: AF-6S 050713

Lab Sample ID: 480-37860-12

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

Client: O'Brien & Gere Inc of North America
 Project/Site: GE IRM Project

TestAmerica Job ID: 480-37860-1
 SDG: 480-37860

Client Sample ID: AF-19S 050713

Lab Sample ID: 480-37860-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.3	J	10	3.0	ug/L	1		8260B	Total/NA
Vinyl chloride	17		1.0	0.90	ug/L	1		8260B	Total/NA

Client Sample ID: AF-19D 050713

Lab Sample ID: 480-37860-14

No Detections.

Client Sample ID: AF-11S 050713

Lab Sample ID: 480-37860-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.1	J	10	3.0	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	3.4		1.0	0.81	ug/L	1		8260B	Total/NA
Vinyl chloride	7.8		1.0	0.90	ug/L	1		8260B	Total/NA

Client Sample ID: AF-11D 050713

Lab Sample ID: 480-37860-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroethane	0.51	J	1.0	0.32	ug/L	1		8260B	Total/NA
Vinyl chloride	1.4		1.0	0.90	ug/L	1		8260B	Total/NA

Client Sample ID: ADW-100 050713

Lab Sample ID: 480-37860-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	1.3		1.0	0.90	ug/L	1		8260B	Total/NA

Client Sample ID: PMW-4D 050713

Lab Sample ID: 480-37860-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	4.1		1.0	0.90	ug/L	1		8260B	Total/NA

Client Sample ID: AF-13P 050713

Lab Sample ID: 480-37860-19

No Detections.

Client Sample ID: AF-13S 050713

Lab Sample ID: 480-37860-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	35		1.0	0.81	ug/L	1		8260B	Total/NA
Vinyl chloride	1.7		1.0	0.90	ug/L	1		8260B	Total/NA

Client Sample ID: OSMW-9S 050713

Lab Sample ID: 480-37860-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.5	J	2.0	0.76	ug/L	2		8260B	Total/NA
1,1-Dichloroethene	1.8	J	2.0	0.58	ug/L	2		8260B	Total/NA
cis-1,2-Dichloroethene	77		2.0	1.6	ug/L	2		8260B	Total/NA
Vinyl chloride	150		2.0	1.8	ug/L	2		8260B	Total/NA

Client Sample ID: OSMW-9D 050713

Lab Sample ID: 480-37860-22

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

Client: O'Brien & Gere Inc of North America
 Project/Site: GE IRM Project

TestAmerica Job ID: 480-37860-1
 SDG: 480-37860

Client Sample ID: OSMW-9D 050713 (Continued)

Lab Sample ID: 480-37860-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	14		1.0	0.90	ug/L	1		8260B	Total/NA

Client Sample ID: OSMW-12P 050713

Lab Sample ID: 480-37860-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	3.6		1.0	0.82	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	2.0		1.0	0.38	ug/L	1		8260B	Total/NA
Acetone	3.4	J	10	3.0	ug/L	1		8260B	Total/NA
Trichloroethylene	4.4		1.0	0.46	ug/L	1		8260B	Total/NA

Client Sample ID: OSMW-11P 050713

Lab Sample ID: 480-37860-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	2.6		1.0	0.38	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	1.5		1.0	0.81	ug/L	1		8260B	Total/NA

Client Sample ID: OSMW-11S 050713

Lab Sample ID: 480-37860-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	29		4.0	1.5	ug/L	4		8260B	Total/NA
1,1-Dichloroethene	2.8	J	4.0	1.2	ug/L	4		8260B	Total/NA
cis-1,2-Dichloroethene	230		4.0	3.2	ug/L	4		8260B	Total/NA
trans-1,2-Dichloroethene	5.0		4.0	3.6	ug/L	4		8260B	Total/NA
Trichloroethylene	18		4.0	1.8	ug/L	4		8260B	Total/NA
Vinyl chloride	4.0		4.0	3.6	ug/L	4		8260B	Total/NA

Client Sample ID: OSMW-11D 050713

Lab Sample ID: 480-37860-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	28		4.0	1.5	ug/L	4		8260B	Total/NA
1,1-Dichloroethene	2.3	J	4.0	1.2	ug/L	4		8260B	Total/NA
cis-1,2-Dichloroethene	230		4.0	3.2	ug/L	4		8260B	Total/NA
trans-1,2-Dichloroethene	4.6		4.0	3.6	ug/L	4		8260B	Total/NA
Trichloroethylene	20		4.0	1.8	ug/L	4		8260B	Total/NA
Vinyl chloride	3.7	J	4.0	3.6	ug/L	4		8260B	Total/NA

Client Sample ID: OSMW-13P 050713

Lab Sample ID: 480-37860-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	3.1		1.0	0.38	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	1.2		1.0	0.81	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE IRM Project

TestAmerica Job ID: 480-37860-1
 SDG: 480-37860

Client Sample ID: Trip Blank 050713

Lab Sample ID: 480-37860-1

Matrix: Water

Date Collected: 05/07/13 00:00

Date Received: 05/08/13 09:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L		05/15/13 03:51		1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L		05/15/13 03:51		1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L		05/15/13 03:51		1
1,1-Dichloroethane	ND		1.0	0.38	ug/L		05/15/13 03:51		1
1,1-Dichloroethene	ND		1.0	0.29	ug/L		05/15/13 03:51		1
1,2-Dichloroethane	ND		1.0	0.21	ug/L		05/15/13 03:51		1
1,2-Dichloropropane	ND		1.0	0.72	ug/L		05/15/13 03:51		1
2-Hexanone	ND		5.0	1.2	ug/L		05/15/13 03:51		1
2-Butanone (MEK)	ND		10	1.3	ug/L		05/15/13 03:51		1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L		05/15/13 03:51		1
Acetone	ND		10	3.0	ug/L		05/15/13 03:51		1
Benzene	ND		1.0	0.41	ug/L		05/15/13 03:51		1
Bromodichloromethane	ND		1.0	0.39	ug/L		05/15/13 03:51		1
Bromoform	ND		1.0	0.26	ug/L		05/15/13 03:51		1
Bromomethane	ND		1.0	0.69	ug/L		05/15/13 03:51		1
Carbon disulfide	ND		1.0	0.19	ug/L		05/15/13 03:51		1
Carbon tetrachloride	ND		1.0	0.27	ug/L		05/15/13 03:51		1
Chlorobenzene	ND		1.0	0.75	ug/L		05/15/13 03:51		1
Dibromochloromethane	ND		1.0	0.32	ug/L		05/15/13 03:51		1
Chloroethane	ND		1.0	0.32	ug/L		05/15/13 03:51		1
Chloroform	ND		1.0	0.34	ug/L		05/15/13 03:51		1
Chloromethane	ND		1.0	0.35	ug/L		05/15/13 03:51		1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L		05/15/13 03:51		1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L		05/15/13 03:51		1
Ethylbenzene	ND		1.0	0.74	ug/L		05/15/13 03:51		1
Methylene Chloride	ND		1.0	0.44	ug/L		05/15/13 03:51		1
Styrene	ND		1.0	0.73	ug/L		05/15/13 03:51		1
Tetrachloroethene	ND		1.0	0.36	ug/L		05/15/13 03:51		1
Toluene	ND		1.0	0.51	ug/L		05/15/13 03:51		1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L		05/15/13 03:51		1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L		05/15/13 03:51		1
Trichloroethene	ND		1.0	0.46	ug/L		05/15/13 03:51		1
Vinyl chloride	ND		1.0	0.90	ug/L		05/15/13 03:51		1
Xylenes, Total	ND		2.0	0.66	ug/L		05/15/13 03:51		1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91			66 - 137			05/15/13 03:51		1
Toluene-d8 (Surr)	94			71 - 126			05/15/13 03:51		1
4-Bromofluorobenzene (Surr)	106			73 - 120			05/15/13 03:51		1

TestAmerica Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE IRM Project

TestAmerica Job ID: 480-37860-1
 SDG: 480-37860

Client Sample ID: PMW-3P 050713

Lab Sample ID: 480-37860-2

Matrix: Water

Date Collected: 05/07/13 11:50

Date Received: 05/08/13 09:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	140		5.0	4.1	ug/L		05/15/13 04:16		5
1,1,2,2-Tetrachloroethane	ND		5.0	1.1	ug/L		05/15/13 04:16		5
1,1,2-Trichloroethane	ND		5.0	1.2	ug/L		05/15/13 04:16		5
1,1-Dichloroethane	16		5.0	1.9	ug/L		05/15/13 04:16		5
1,1-Dichloroethene	5.8		5.0	1.5	ug/L		05/15/13 04:16		5
1,2-Dichloroethane	ND		5.0	1.1	ug/L		05/15/13 04:16		5
1,2-Dichloropropane	ND		5.0	3.6	ug/L		05/15/13 04:16		5
2-Hexanone	ND		25	6.2	ug/L		05/15/13 04:16		5
2-Butanone (MEK)	ND		50	6.6	ug/L		05/15/13 04:16		5
4-Methyl-2-pentanone (MIBK)	ND		25	11	ug/L		05/15/13 04:16		5
Acetone	ND		50	15	ug/L		05/15/13 04:16		5
Benzene	ND		5.0	2.1	ug/L		05/15/13 04:16		5
Bromodichloromethane	ND		5.0	2.0	ug/L		05/15/13 04:16		5
Bromoform	ND		5.0	1.3	ug/L		05/15/13 04:16		5
Bromomethane	ND		5.0	3.5	ug/L		05/15/13 04:16		5
Carbon disulfide	ND		5.0	0.95	ug/L		05/15/13 04:16		5
Carbon tetrachloride	ND		5.0	1.4	ug/L		05/15/13 04:16		5
Chlorobenzene	ND		5.0	3.8	ug/L		05/15/13 04:16		5
Dibromochloromethane	ND		5.0	1.6	ug/L		05/15/13 04:16		5
Chloroethane	ND		5.0	1.6	ug/L		05/15/13 04:16		5
Chloroform	ND		5.0	1.7	ug/L		05/15/13 04:16		5
Chloromethane	ND		5.0	1.8	ug/L		05/15/13 04:16		5
cis-1,2-Dichloroethene	270		5.0	4.1	ug/L		05/15/13 04:16		5
cis-1,3-Dichloropropene	ND		5.0	1.8	ug/L		05/15/13 04:16		5
Ethylbenzene	ND		5.0	3.7	ug/L		05/15/13 04:16		5
Methylene Chloride	ND		5.0	2.2	ug/L		05/15/13 04:16		5
Styrene	ND		5.0	3.7	ug/L		05/15/13 04:16		5
Tetrachloroethene	ND		5.0	1.8	ug/L		05/15/13 04:16		5
Toluene	ND		5.0	2.6	ug/L		05/15/13 04:16		5
trans-1,2-Dichloroethene	ND		5.0	4.5	ug/L		05/15/13 04:16		5
trans-1,3-Dichloropropene	ND		5.0	1.9	ug/L		05/15/13 04:16		5
Trichloroethene	79		5.0	2.3	ug/L		05/15/13 04:16		5
Vinyl chloride	ND		5.0	4.5	ug/L		05/15/13 04:16		5
Xylenes, Total	ND		10	3.3	ug/L		05/15/13 04:16		5
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91			66 - 137			05/15/13 04:16		5
Toluene-d8 (Surr)	96			71 - 126			05/15/13 04:16		5
4-Bromofluorobenzene (Surr)	104			73 - 120			05/15/13 04:16		5

TestAmerica Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE IRM Project

TestAmerica Job ID: 480-37860-1
 SDG: 480-37860

Client Sample ID: PMW-3S 050713

Lab Sample ID: 480-37860-3

Matrix: Water

Date Collected: 05/07/13 11:55

Date Received: 05/08/13 09:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	14		1.0	0.82	ug/L		05/16/13 04:15		1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L		05/16/13 04:15		1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L		05/16/13 04:15		1
1,1-Dichloroethane	19		1.0	0.38	ug/L		05/16/13 04:15		1
1,1-Dichloroethene	0.44 J		1.0	0.29	ug/L		05/16/13 04:15		1
1,2-Dichloroethane	ND		1.0	0.21	ug/L		05/16/13 04:15		1
1,2-Dichloropropane	ND		1.0	0.72	ug/L		05/16/13 04:15		1
2-Hexanone	ND		5.0	1.2	ug/L		05/16/13 04:15		1
2-Butanone (MEK)	ND		10	1.3	ug/L		05/16/13 04:15		1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L		05/16/13 04:15		1
Acetone	4.8 J		10	3.0	ug/L		05/16/13 04:15		1
Benzene	ND		1.0	0.41	ug/L		05/16/13 04:15		1
Bromodichloromethane	ND		1.0	0.39	ug/L		05/16/13 04:15		1
Bromoform	ND		1.0	0.26	ug/L		05/16/13 04:15		1
Bromomethane	ND		1.0	0.69	ug/L		05/16/13 04:15		1
Carbon disulfide	ND		1.0	0.19	ug/L		05/16/13 04:15		1
Carbon tetrachloride	ND		1.0	0.27	ug/L		05/16/13 04:15		1
Chlorobenzene	ND		1.0	0.75	ug/L		05/16/13 04:15		1
Dibromochloromethane	ND		1.0	0.32	ug/L		05/16/13 04:15		1
Chloroethane	ND		1.0	0.32	ug/L		05/16/13 04:15		1
Chloroform	ND		1.0	0.34	ug/L		05/16/13 04:15		1
Chloromethane	ND		1.0	0.35	ug/L		05/16/13 04:15		1
cis-1,2-Dichloroethene	32		1.0	0.81	ug/L		05/16/13 04:15		1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L		05/16/13 04:15		1
Ethylbenzene	ND		1.0	0.74	ug/L		05/16/13 04:15		1
Methylene Chloride	ND		1.0	0.44	ug/L		05/16/13 04:15		1
Styrene	ND		1.0	0.73	ug/L		05/16/13 04:15		1
Tetrachloroethene	ND		1.0	0.36	ug/L		05/16/13 04:15		1
Toluene	ND		1.0	0.51	ug/L		05/16/13 04:15		1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L		05/16/13 04:15		1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L		05/16/13 04:15		1
Trichloroethene	80		1.0	0.46	ug/L		05/16/13 04:15		1
Vinyl chloride	ND		1.0	0.90	ug/L		05/16/13 04:15		1
Xylenes, Total	ND		2.0	0.66	ug/L		05/16/13 04:15		1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	113			66 - 137			05/16/13 04:15		1
Toluene-d8 (Surr)	101			71 - 126			05/16/13 04:15		1
4-Bromofluorobenzene (Surr)	103			73 - 120			05/16/13 04:15		1

TestAmerica Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE IRM Project

TestAmerica Job ID: 480-37860-1
 SDG: 480-37860

Client Sample ID: PMW-3D 050713

Lab Sample ID: 480-37860-4

Matrix: Water

Date Collected: 05/07/13 12:00

Date Received: 05/08/13 09:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	32		2.0	1.6	ug/L		05/16/13 04:39		2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L		05/16/13 04:39		2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L		05/16/13 04:39		2
1,1-Dichloroethane	19		2.0	0.76	ug/L		05/16/13 04:39		2
1,1-Dichloroethene	0.71 J		2.0	0.58	ug/L		05/16/13 04:39		2
1,2-Dichloroethane	ND		2.0	0.42	ug/L		05/16/13 04:39		2
1,2-Dichloropropane	ND		2.0	1.4	ug/L		05/16/13 04:39		2
2-Hexanone	ND		10	2.5	ug/L		05/16/13 04:39		2
2-Butanone (MEK)	ND		20	2.6	ug/L		05/16/13 04:39		2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L		05/16/13 04:39		2
Acetone	ND		20	6.0	ug/L		05/16/13 04:39		2
Benzene	ND		2.0	0.82	ug/L		05/16/13 04:39		2
Bromodichloromethane	ND		2.0	0.78	ug/L		05/16/13 04:39		2
Bromoform	ND		2.0	0.52	ug/L		05/16/13 04:39		2
Bromomethane	ND		2.0	1.4	ug/L		05/16/13 04:39		2
Carbon disulfide	ND		2.0	0.38	ug/L		05/16/13 04:39		2
Carbon tetrachloride	ND		2.0	0.54	ug/L		05/16/13 04:39		2
Chlorobenzene	ND		2.0	1.5	ug/L		05/16/13 04:39		2
Dibromochloromethane	ND		2.0	0.64	ug/L		05/16/13 04:39		2
Chloroethane	ND		2.0	0.64	ug/L		05/16/13 04:39		2
Chloroform	ND		2.0	0.68	ug/L		05/16/13 04:39		2
Chloromethane	ND		2.0	0.70	ug/L		05/16/13 04:39		2
cis-1,2-Dichloroethene	100		2.0	1.6	ug/L		05/16/13 04:39		2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L		05/16/13 04:39		2
Ethylbenzene	ND		2.0	1.5	ug/L		05/16/13 04:39		2
Methylene Chloride	ND		2.0	0.88	ug/L		05/16/13 04:39		2
Styrene	ND		2.0	1.5	ug/L		05/16/13 04:39		2
Tetrachloroethene	ND		2.0	0.72	ug/L		05/16/13 04:39		2
Toluene	ND		2.0	1.0	ug/L		05/16/13 04:39		2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L		05/16/13 04:39		2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L		05/16/13 04:39		2
Trichloroethene	16		2.0	0.92	ug/L		05/16/13 04:39		2
Vinyl chloride	79		2.0	1.8	ug/L		05/16/13 04:39		2
Xylenes, Total	ND		4.0	1.3	ug/L		05/16/13 04:39		2
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	116			66 - 137			05/16/13 04:39		2
Toluene-d8 (Surr)	102			71 - 126			05/16/13 04:39		2
4-Bromofluorobenzene (Surr)	104			73 - 120			05/16/13 04:39		2

TestAmerica Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE IRM Project

TestAmerica Job ID: 480-37860-1
 SDG: 480-37860

Client Sample ID: OSMW-10P 050713

Lab Sample ID: 480-37860-5

Matrix: Water

Date Collected: 05/07/13 12:45

Date Received: 05/08/13 09:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/16/13 05:03	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/16/13 05:03	1
1,1-Dichloroethane	15		1.0	0.38	ug/L			05/16/13 05:03	1
1,1-Dichloroethene	7.0		1.0	0.29	ug/L			05/16/13 05:03	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/16/13 05:03	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/16/13 05:03	1
2-Hexanone	ND		5.0	1.2	ug/L			05/16/13 05:03	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/16/13 05:03	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/16/13 05:03	1
Acetone	ND		10	3.0	ug/L			05/16/13 05:03	1
Benzene	ND		1.0	0.41	ug/L			05/16/13 05:03	1
Bromodichloromethane	ND		1.0	0.39	ug/L			05/16/13 05:03	1
Bromoform	ND		1.0	0.26	ug/L			05/16/13 05:03	1
Bromomethane	ND		1.0	0.69	ug/L			05/16/13 05:03	1
Carbon disulfide	ND		1.0	0.19	ug/L			05/16/13 05:03	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/16/13 05:03	1
Chlorobenzene	ND		1.0	0.75	ug/L			05/16/13 05:03	1
Dibromochloromethane	ND		1.0	0.32	ug/L			05/16/13 05:03	1
Chloroethane	ND		1.0	0.32	ug/L			05/16/13 05:03	1
Chloroform	ND		1.0	0.34	ug/L			05/16/13 05:03	1
Chloromethane	ND		1.0	0.35	ug/L			05/16/13 05:03	1
cis-1,2-Dichloroethene	7.2		1.0	0.81	ug/L			05/16/13 05:03	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			05/16/13 05:03	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/16/13 05:03	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/16/13 05:03	1
Styrene	ND		1.0	0.73	ug/L			05/16/13 05:03	1
Tetrachloroethene	0.39 J		1.0	0.36	ug/L			05/16/13 05:03	1
Toluene	ND		1.0	0.51	ug/L			05/16/13 05:03	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			05/16/13 05:03	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			05/16/13 05:03	1
Vinyl chloride	1.3		1.0	0.90	ug/L			05/16/13 05:03	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/16/13 05:03	1

Surrogate

	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	116		66 - 137		05/16/13 05:03	1
Toluene-d8 (Surr)	103		71 - 126		05/16/13 05:03	1
4-Bromofluorobenzene (Surr)	107		73 - 120		05/16/13 05:03	1

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	170		4.0	3.3	ug/L			05/16/13 13:01	4
Trichloroethene	190		4.0	1.8	ug/L			05/16/13 13:01	4
Surrogate									
1,2-Dichloroethane-d4 (Surr)	115		66 - 137					05/16/13 13:01	4
Toluene-d8 (Surr)	103		71 - 126					05/16/13 13:01	4
4-Bromofluorobenzene (Surr)	106		73 - 120					05/16/13 13:01	4

TestAmerica Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE IRM Project

TestAmerica Job ID: 480-37860-1
 SDG: 480-37860

Client Sample ID: OSMW-10S 050713

Lab Sample ID: 480-37860-6

Matrix: Water

Date Collected: 05/07/13 12:50

Date Received: 05/08/13 09:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	120		2.0	1.6	ug/L		05/16/13 05:27		2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L		05/16/13 05:27		2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L		05/16/13 05:27		2
1,1-Dichloroethane	35		2.0	0.76	ug/L		05/16/13 05:27		2
1,1-Dichloroethene	21		2.0	0.58	ug/L		05/16/13 05:27		2
1,2-Dichloroethane	ND		2.0	0.42	ug/L		05/16/13 05:27		2
1,2-Dichloropropane	ND		2.0	1.4	ug/L		05/16/13 05:27		2
2-Hexanone	ND		10	2.5	ug/L		05/16/13 05:27		2
2-Butanone (MEK)	ND		20	2.6	ug/L		05/16/13 05:27		2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L		05/16/13 05:27		2
Acetone	ND		20	6.0	ug/L		05/16/13 05:27		2
Benzene	ND		2.0	0.82	ug/L		05/16/13 05:27		2
Bromodichloromethane	ND		2.0	0.78	ug/L		05/16/13 05:27		2
Bromoform	ND		2.0	0.52	ug/L		05/16/13 05:27		2
Bromomethane	ND		2.0	1.4	ug/L		05/16/13 05:27		2
Carbon disulfide	ND		2.0	0.38	ug/L		05/16/13 05:27		2
Carbon tetrachloride	ND		2.0	0.54	ug/L		05/16/13 05:27		2
Chlorobenzene	ND		2.0	1.5	ug/L		05/16/13 05:27		2
Dibromochloromethane	ND		2.0	0.64	ug/L		05/16/13 05:27		2
Chloroethane	ND		2.0	0.64	ug/L		05/16/13 05:27		2
Chloroform	ND		2.0	0.68	ug/L		05/16/13 05:27		2
Chloromethane	ND		2.0	0.70	ug/L		05/16/13 05:27		2
cis-1,2-Dichloroethene	56		2.0	1.6	ug/L		05/16/13 05:27		2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L		05/16/13 05:27		2
Ethylbenzene	ND		2.0	1.5	ug/L		05/16/13 05:27		2
Methylene Chloride	ND		2.0	0.88	ug/L		05/16/13 05:27		2
Styrene	ND		2.0	1.5	ug/L		05/16/13 05:27		2
Tetrachloroethene	ND		2.0	0.72	ug/L		05/16/13 05:27		2
Toluene	ND		2.0	1.0	ug/L		05/16/13 05:27		2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L		05/16/13 05:27		2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L		05/16/13 05:27		2
Trichloroethene	37		2.0	0.92	ug/L		05/16/13 05:27		2
Vinyl chloride	25		2.0	1.8	ug/L		05/16/13 05:27		2
Xylenes, Total	ND		4.0	1.3	ug/L		05/16/13 05:27		2
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	116			66 - 137			05/16/13 05:27		2
Toluene-d8 (Surr)	101			71 - 126			05/16/13 05:27		2
4-Bromofluorobenzene (Surr)	103			73 - 120			05/16/13 05:27		2

TestAmerica Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE IRM Project

TestAmerica Job ID: 480-37860-1
 SDG: 480-37860

Client Sample ID: OSMW-10D 050713

Lab Sample ID: 480-37860-7

Matrix: Water

Date Collected: 05/07/13 12:55

Date Received: 05/08/13 09:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	2.5		1.0	0.82	ug/L		05/21/13 00:36		1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L		05/21/13 00:36		1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L		05/21/13 00:36		1
1,1-Dichloroethane	0.57 J		1.0	0.38	ug/L		05/21/13 00:36		1
1,1-Dichloroethene	0.79 J		1.0	0.29	ug/L		05/21/13 00:36		1
1,2-Dichloroethane	ND		1.0	0.21	ug/L		05/21/13 00:36		1
1,2-Dichloropropane	ND		1.0	0.72	ug/L		05/21/13 00:36		1
2-Hexanone	ND		5.0	1.2	ug/L		05/21/13 00:36		1
2-Butanone (MEK)	ND		10	1.3	ug/L		05/21/13 00:36		1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L		05/21/13 00:36		1
Acetone	ND		10	3.0	ug/L		05/21/13 00:36		1
Benzene	ND		1.0	0.41	ug/L		05/21/13 00:36		1
Bromodichloromethane	ND		1.0	0.39	ug/L		05/21/13 00:36		1
Bromoform	ND		1.0	0.26	ug/L		05/21/13 00:36		1
Bromomethane	ND		1.0	0.69	ug/L		05/21/13 00:36		1
Carbon disulfide	ND		1.0	0.19	ug/L		05/21/13 00:36		1
Carbon tetrachloride	ND		1.0	0.27	ug/L		05/21/13 00:36		1
Chlorobenzene	ND		1.0	0.75	ug/L		05/21/13 00:36		1
Dibromochloromethane	ND		1.0	0.32	ug/L		05/21/13 00:36		1
Chloroethane	ND		1.0	0.32	ug/L		05/21/13 00:36		1
Chloroform	ND		1.0	0.34	ug/L		05/21/13 00:36		1
Chloromethane	ND		1.0	0.35	ug/L		05/21/13 00:36		1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L		05/21/13 00:36		1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L		05/21/13 00:36		1
Ethylbenzene	ND		1.0	0.74	ug/L		05/21/13 00:36		1
Methylene Chloride	ND		1.0	0.44	ug/L		05/21/13 00:36		1
Styrene	ND		1.0	0.73	ug/L		05/21/13 00:36		1
Tetrachloroethene	ND		1.0	0.36	ug/L		05/21/13 00:36		1
Toluene	ND		1.0	0.51	ug/L		05/21/13 00:36		1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L		05/21/13 00:36		1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L		05/21/13 00:36		1
Trichloroethene	3.2		1.0	0.46	ug/L		05/21/13 00:36		1
Vinyl chloride	2.3		1.0	0.90	ug/L		05/21/13 00:36		1
Xylenes, Total	ND		2.0	0.66	ug/L		05/21/13 00:36		1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106			66 - 137			05/21/13 00:36		1
Toluene-d8 (Surr)	106			71 - 126			05/21/13 00:36		1
4-Bromofluorobenzene (Surr)	100			73 - 120			05/21/13 00:36		1

TestAmerica Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE IRM Project

TestAmerica Job ID: 480-37860-1
 SDG: 480-37860

Client Sample ID: TMW-1P 050713

Lab Sample ID: 480-37860-8

Matrix: Water

Date Collected: 05/07/13 13:25

Date Received: 05/08/13 09:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	240		5.0	4.1	ug/L		05/16/13 06:15		5
1,1,2,2-Tetrachloroethane	ND		5.0	1.1	ug/L		05/16/13 06:15		5
1,1,2-Trichloroethane	ND		5.0	1.2	ug/L		05/16/13 06:15		5
1,1-Dichloroethane	100		5.0	1.9	ug/L		05/16/13 06:15		5
1,1-Dichloroethene	16		5.0	1.5	ug/L		05/16/13 06:15		5
1,2-Dichloroethane	ND		5.0	1.1	ug/L		05/16/13 06:15		5
1,2-Dichloropropane	ND		5.0	3.6	ug/L		05/16/13 06:15		5
2-Hexanone	ND		25	6.2	ug/L		05/16/13 06:15		5
2-Butanone (MEK)	ND		50	6.6	ug/L		05/16/13 06:15		5
4-Methyl-2-pentanone (MIBK)	ND		25	11	ug/L		05/16/13 06:15		5
Acetone	ND		50	15	ug/L		05/16/13 06:15		5
Benzene	ND		5.0	2.1	ug/L		05/16/13 06:15		5
Bromodichloromethane	ND		5.0	2.0	ug/L		05/16/13 06:15		5
Bromoform	ND		5.0	1.3	ug/L		05/16/13 06:15		5
Bromomethane	ND		5.0	3.5	ug/L		05/16/13 06:15		5
Carbon disulfide	ND		5.0	0.95	ug/L		05/16/13 06:15		5
Carbon tetrachloride	ND		5.0	1.4	ug/L		05/16/13 06:15		5
Chlorobenzene	ND		5.0	3.8	ug/L		05/16/13 06:15		5
Dibromochloromethane	ND		5.0	1.6	ug/L		05/16/13 06:15		5
Chloroethane	ND		5.0	1.6	ug/L		05/16/13 06:15		5
Chloroform	ND		5.0	1.7	ug/L		05/16/13 06:15		5
Chloromethane	ND		5.0	1.8	ug/L		05/16/13 06:15		5
cis-1,2-Dichloroethene	58		5.0	4.1	ug/L		05/16/13 06:15		5
cis-1,3-Dichloropropene	ND		5.0	1.8	ug/L		05/16/13 06:15		5
Ethylbenzene	ND		5.0	3.7	ug/L		05/16/13 06:15		5
Methylene Chloride	ND		5.0	2.2	ug/L		05/16/13 06:15		5
Styrene	ND		5.0	3.7	ug/L		05/16/13 06:15		5
Tetrachloroethene	ND		5.0	1.8	ug/L		05/16/13 06:15		5
Toluene	ND		5.0	2.6	ug/L		05/16/13 06:15		5
trans-1,2-Dichloroethene	ND		5.0	4.5	ug/L		05/16/13 06:15		5
trans-1,3-Dichloropropene	ND		5.0	1.9	ug/L		05/16/13 06:15		5
Trichloroethene	340		5.0	2.3	ug/L		05/16/13 06:15		5
Vinyl chloride	81		5.0	4.5	ug/L		05/16/13 06:15		5
Xylenes, Total	ND		10	3.3	ug/L		05/16/13 06:15		5
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	117			66 - 137				05/16/13 06:15	5
Toluene-d8 (Surr)	100			71 - 126				05/16/13 06:15	5
4-Bromofluorobenzene (Surr)	102			73 - 120				05/16/13 06:15	5

TestAmerica Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE IRM Project

TestAmerica Job ID: 480-37860-1
 SDG: 480-37860

Client Sample ID: AF-4P 050713

Lab Sample ID: 480-37860-9

Matrix: Water

Date Collected: 05/07/13 13:40

Date Received: 05/08/13 09:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	50		2.0	1.6	ug/L			05/15/13 07:14	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			05/15/13 07:14	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			05/15/13 07:14	2
1,1-Dichloroethane	6.6		2.0	0.76	ug/L			05/15/13 07:14	2
1,1-Dichloroethene	1.0	J	2.0	0.58	ug/L			05/15/13 07:14	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			05/15/13 07:14	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			05/15/13 07:14	2
2-Hexanone	ND		10	2.5	ug/L			05/15/13 07:14	2
2-Butanone (MEK)	4.4	J	20	2.6	ug/L			05/15/13 07:14	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			05/15/13 07:14	2
Acetone	63		20	6.0	ug/L			05/15/13 07:14	2
Benzene	ND		2.0	0.82	ug/L			05/15/13 07:14	2
Bromodichloromethane	ND		2.0	0.78	ug/L			05/15/13 07:14	2
Bromoform	ND		2.0	0.52	ug/L			05/15/13 07:14	2
Bromomethane	ND		2.0	1.4	ug/L			05/15/13 07:14	2
Carbon disulfide	ND		2.0	0.38	ug/L			05/15/13 07:14	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			05/15/13 07:14	2
Chlorobenzene	ND		2.0	1.5	ug/L			05/15/13 07:14	2
Dibromochloromethane	ND		2.0	0.64	ug/L			05/15/13 07:14	2
Chloroethane	ND		2.0	0.64	ug/L			05/15/13 07:14	2
Chloroform	1.6	J	2.0	0.68	ug/L			05/15/13 07:14	2
Chloromethane	ND		2.0	0.70	ug/L			05/15/13 07:14	2
cis-1,2-Dichloroethene	3.3		2.0	1.6	ug/L			05/15/13 07:14	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			05/15/13 07:14	2
Ethylbenzene	ND		2.0	1.5	ug/L			05/15/13 07:14	2
Methylene Chloride	ND		2.0	0.88	ug/L			05/15/13 07:14	2
Styrene	ND		2.0	1.5	ug/L			05/15/13 07:14	2
Tetrachloroethene	13		2.0	0.72	ug/L			05/15/13 07:14	2
Toluene	ND		2.0	1.0	ug/L			05/15/13 07:14	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			05/15/13 07:14	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			05/15/13 07:14	2
Trichloroethene	96		2.0	0.92	ug/L			05/15/13 07:14	2
Vinyl chloride	ND		2.0	1.8	ug/L			05/15/13 07:14	2
Xylenes, Total	ND		4.0	1.3	ug/L			05/15/13 07:14	2
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90			66 - 137				05/15/13 07:14	2
Toluene-d8 (Surr)	95			71 - 126				05/15/13 07:14	2
4-Bromofluorobenzene (Surr)	104			73 - 120				05/15/13 07:14	2

TestAmerica Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE IRM Project

TestAmerica Job ID: 480-37860-1
 SDG: 480-37860

Client Sample ID: AF-4S 050713

Lab Sample ID: 480-37860-10

Matrix: Water

Date Collected: 05/07/13 13:45

Date Received: 05/08/13 09:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			05/15/13 07:38	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/15/13 07:38	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/15/13 07:38	1
1,1-Dichloroethane	3.2		1.0	0.38	ug/L			05/15/13 07:38	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			05/15/13 07:38	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/15/13 07:38	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/15/13 07:38	1
2-Hexanone	ND		5.0	1.2	ug/L			05/15/13 07:38	1
2-Butanone (MEK)	4.9 J		10	1.3	ug/L			05/15/13 07:38	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/15/13 07:38	1
Acetone	57		10	3.0	ug/L			05/15/13 07:38	1
Benzene	1.4		1.0	0.41	ug/L			05/15/13 07:38	1
Bromodichloromethane	ND		1.0	0.39	ug/L			05/15/13 07:38	1
Bromoform	ND		1.0	0.26	ug/L			05/15/13 07:38	1
Bromomethane	ND		1.0	0.69	ug/L			05/15/13 07:38	1
Carbon disulfide	ND		1.0	0.19	ug/L			05/15/13 07:38	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/15/13 07:38	1
Chlorobenzene	ND		1.0	0.75	ug/L			05/15/13 07:38	1
Dibromochloromethane	ND		1.0	0.32	ug/L			05/15/13 07:38	1
Chloroethane	0.36 J		1.0	0.32	ug/L			05/15/13 07:38	1
Chloroform	ND		1.0	0.34	ug/L			05/15/13 07:38	1
Chloromethane	ND		1.0	0.35	ug/L			05/15/13 07:38	1
cis-1,2-Dichloroethene	3.4		1.0	0.81	ug/L			05/15/13 07:38	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			05/15/13 07:38	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/15/13 07:38	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/15/13 07:38	1
Styrene	ND		1.0	0.73	ug/L			05/15/13 07:38	1
Tetrachloroethene	ND		1.0	0.36	ug/L			05/15/13 07:38	1
Toluene	ND		1.0	0.51	ug/L			05/15/13 07:38	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			05/15/13 07:38	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			05/15/13 07:38	1
Trichloroethene	0.47 J		1.0	0.46	ug/L			05/15/13 07:38	1
Vinyl chloride	7.5		1.0	0.90	ug/L			05/15/13 07:38	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/15/13 07:38	1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92			66 - 137				05/15/13 07:38	1
Toluene-d8 (Surr)	94			71 - 126				05/15/13 07:38	1
4-Bromofluorobenzene (Surr)	103			73 - 120				05/15/13 07:38	1

TestAmerica Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE IRM Project

TestAmerica Job ID: 480-37860-1
 SDG: 480-37860

Client Sample ID: PMW-2D 050713

Lab Sample ID: 480-37860-11

Matrix: Water

Date Collected: 05/07/13 13:55

Date Received: 05/08/13 09:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L		05/15/13 08:04		1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L		05/15/13 08:04		1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L		05/15/13 08:04		1
1,1-Dichloroethane	ND		1.0	0.38	ug/L		05/15/13 08:04		1
1,1-Dichloroethene	ND		1.0	0.29	ug/L		05/15/13 08:04		1
1,2-Dichloroethane	ND		1.0	0.21	ug/L		05/15/13 08:04		1
1,2-Dichloropropane	ND		1.0	0.72	ug/L		05/15/13 08:04		1
2-Hexanone	ND		5.0	1.2	ug/L		05/15/13 08:04		1
2-Butanone (MEK)	5.0 J		10	1.3	ug/L		05/15/13 08:04		1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L		05/15/13 08:04		1
Acetone	48		10	3.0	ug/L		05/15/13 08:04		1
Benzene	ND		1.0	0.41	ug/L		05/15/13 08:04		1
Bromodichloromethane	ND		1.0	0.39	ug/L		05/15/13 08:04		1
Bromoform	ND		1.0	0.26	ug/L		05/15/13 08:04		1
Bromomethane	ND		1.0	0.69	ug/L		05/15/13 08:04		1
Carbon disulfide	ND		1.0	0.19	ug/L		05/15/13 08:04		1
Carbon tetrachloride	ND		1.0	0.27	ug/L		05/15/13 08:04		1
Chlorobenzene	ND		1.0	0.75	ug/L		05/15/13 08:04		1
Dibromochloromethane	ND		1.0	0.32	ug/L		05/15/13 08:04		1
Chloroethane	ND		1.0	0.32	ug/L		05/15/13 08:04		1
Chloroform	ND		1.0	0.34	ug/L		05/15/13 08:04		1
Chloromethane	ND		1.0	0.35	ug/L		05/15/13 08:04		1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L		05/15/13 08:04		1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L		05/15/13 08:04		1
Ethylbenzene	ND		1.0	0.74	ug/L		05/15/13 08:04		1
Methylene Chloride	ND		1.0	0.44	ug/L		05/15/13 08:04		1
Styrene	ND		1.0	0.73	ug/L		05/15/13 08:04		1
Tetrachloroethene	ND		1.0	0.36	ug/L		05/15/13 08:04		1
Toluene	ND		1.0	0.51	ug/L		05/15/13 08:04		1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L		05/15/13 08:04		1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L		05/15/13 08:04		1
Trichloroethene	ND		1.0	0.46	ug/L		05/15/13 08:04		1
Vinyl chloride	ND		1.0	0.90	ug/L		05/15/13 08:04		1
Xylenes, Total	ND		2.0	0.66	ug/L		05/15/13 08:04		1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91			66 - 137			05/15/13 08:04		1
Toluene-d8 (Surr)	96			71 - 126			05/15/13 08:04		1
4-Bromofluorobenzene (Surr)	107			73 - 120			05/15/13 08:04		1

TestAmerica Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE IRM Project

TestAmerica Job ID: 480-37860-1
 SDG: 480-37860

Client Sample ID: AF-6S 050713

Lab Sample ID: 480-37860-12

Matrix: Water

Date Collected: 05/07/13 14:20

Date Received: 05/08/13 09:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L		05/15/13 08:29		1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L		05/15/13 08:29		1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L		05/15/13 08:29		1
1,1-Dichloroethane	ND		1.0	0.38	ug/L		05/15/13 08:29		1
1,1-Dichloroethene	ND		1.0	0.29	ug/L		05/15/13 08:29		1
1,2-Dichloroethane	ND		1.0	0.21	ug/L		05/15/13 08:29		1
1,2-Dichloropropane	ND		1.0	0.72	ug/L		05/15/13 08:29		1
2-Hexanone	ND		5.0	1.2	ug/L		05/15/13 08:29		1
2-Butanone (MEK)	ND		10	1.3	ug/L		05/15/13 08:29		1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L		05/15/13 08:29		1
Acetone	ND		10	3.0	ug/L		05/15/13 08:29		1
Benzene	ND		1.0	0.41	ug/L		05/15/13 08:29		1
Bromodichloromethane	ND		1.0	0.39	ug/L		05/15/13 08:29		1
Bromoform	ND		1.0	0.26	ug/L		05/15/13 08:29		1
Bromomethane	ND		1.0	0.69	ug/L		05/15/13 08:29		1
Carbon disulfide	ND		1.0	0.19	ug/L		05/15/13 08:29		1
Carbon tetrachloride	ND		1.0	0.27	ug/L		05/15/13 08:29		1
Chlorobenzene	ND		1.0	0.75	ug/L		05/15/13 08:29		1
Dibromochloromethane	ND		1.0	0.32	ug/L		05/15/13 08:29		1
Chloroethane	ND		1.0	0.32	ug/L		05/15/13 08:29		1
Chloroform	ND		1.0	0.34	ug/L		05/15/13 08:29		1
Chloromethane	ND		1.0	0.35	ug/L		05/15/13 08:29		1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L		05/15/13 08:29		1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L		05/15/13 08:29		1
Ethylbenzene	ND		1.0	0.74	ug/L		05/15/13 08:29		1
Methylene Chloride	ND		1.0	0.44	ug/L		05/15/13 08:29		1
Styrene	ND		1.0	0.73	ug/L		05/15/13 08:29		1
Tetrachloroethene	ND		1.0	0.36	ug/L		05/15/13 08:29		1
Toluene	ND		1.0	0.51	ug/L		05/15/13 08:29		1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L		05/15/13 08:29		1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L		05/15/13 08:29		1
Trichloroethene	ND		1.0	0.46	ug/L		05/15/13 08:29		1
Vinyl chloride	ND		1.0	0.90	ug/L		05/15/13 08:29		1
Xylenes, Total	ND		2.0	0.66	ug/L		05/15/13 08:29		1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		66 - 137		05/15/13 08:29	1
Toluene-d8 (Surr)	93		71 - 126		05/15/13 08:29	1
4-Bromofluorobenzene (Surr)	103		73 - 120		05/15/13 08:29	1

TestAmerica Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE IRM Project

TestAmerica Job ID: 480-37860-1
 SDG: 480-37860

Client Sample ID: AF-19S 050713

Lab Sample ID: 480-37860-13

Matrix: Water

Date Collected: 05/07/13 14:35

Date Received: 05/08/13 09:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L		05/16/13 06:39		1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L		05/16/13 06:39		1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L		05/16/13 06:39		1
1,1-Dichloroethane	ND		1.0	0.38	ug/L		05/16/13 06:39		1
1,1-Dichloroethene	ND		1.0	0.29	ug/L		05/16/13 06:39		1
1,2-Dichloroethane	ND		1.0	0.21	ug/L		05/16/13 06:39		1
1,2-Dichloropropane	ND		1.0	0.72	ug/L		05/16/13 06:39		1
2-Hexanone	ND		5.0	1.2	ug/L		05/16/13 06:39		1
2-Butanone (MEK)	ND		10	1.3	ug/L		05/16/13 06:39		1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L		05/16/13 06:39		1
Acetone	3.3 J		10	3.0	ug/L		05/16/13 06:39		1
Benzene	ND		1.0	0.41	ug/L		05/16/13 06:39		1
Bromodichloromethane	ND		1.0	0.39	ug/L		05/16/13 06:39		1
Bromoform	ND		1.0	0.26	ug/L		05/16/13 06:39		1
Bromomethane	ND		1.0	0.69	ug/L		05/16/13 06:39		1
Carbon disulfide	ND		1.0	0.19	ug/L		05/16/13 06:39		1
Carbon tetrachloride	ND		1.0	0.27	ug/L		05/16/13 06:39		1
Chlorobenzene	ND		1.0	0.75	ug/L		05/16/13 06:39		1
Dibromochloromethane	ND		1.0	0.32	ug/L		05/16/13 06:39		1
Chloroethane	ND		1.0	0.32	ug/L		05/16/13 06:39		1
Chloroform	ND		1.0	0.34	ug/L		05/16/13 06:39		1
Chloromethane	ND		1.0	0.35	ug/L		05/16/13 06:39		1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L		05/16/13 06:39		1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L		05/16/13 06:39		1
Ethylbenzene	ND		1.0	0.74	ug/L		05/16/13 06:39		1
Methylene Chloride	ND		1.0	0.44	ug/L		05/16/13 06:39		1
Styrene	ND		1.0	0.73	ug/L		05/16/13 06:39		1
Tetrachloroethene	ND		1.0	0.36	ug/L		05/16/13 06:39		1
Toluene	ND		1.0	0.51	ug/L		05/16/13 06:39		1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L		05/16/13 06:39		1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L		05/16/13 06:39		1
Trichloroethene	ND		1.0	0.46	ug/L		05/16/13 06:39		1
Vinyl chloride	17		1.0	0.90	ug/L		05/16/13 06:39		1
Xylenes, Total	ND		2.0	0.66	ug/L		05/16/13 06:39		1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	119			66 - 137			05/16/13 06:39		1
Toluene-d8 (Surr)	101			71 - 126			05/16/13 06:39		1
4-Bromofluorobenzene (Surr)	104			73 - 120			05/16/13 06:39		1

TestAmerica Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE IRM Project

TestAmerica Job ID: 480-37860-1
 SDG: 480-37860

Client Sample ID: AF-19D 050713

Lab Sample ID: 480-37860-14

Matrix: Water

Date Collected: 05/07/13 14:40

Date Received: 05/08/13 09:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L		05/16/13 07:03		1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L		05/16/13 07:03		1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L		05/16/13 07:03		1
1,1-Dichloroethane	ND		1.0	0.38	ug/L		05/16/13 07:03		1
1,1-Dichloroethene	ND		1.0	0.29	ug/L		05/16/13 07:03		1
1,2-Dichloroethane	ND		1.0	0.21	ug/L		05/16/13 07:03		1
1,2-Dichloropropane	ND		1.0	0.72	ug/L		05/16/13 07:03		1
2-Hexanone	ND		5.0	1.2	ug/L		05/16/13 07:03		1
2-Butanone (MEK)	ND		10	1.3	ug/L		05/16/13 07:03		1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L		05/16/13 07:03		1
Acetone	ND		10	3.0	ug/L		05/16/13 07:03		1
Benzene	ND		1.0	0.41	ug/L		05/16/13 07:03		1
Bromodichloromethane	ND		1.0	0.39	ug/L		05/16/13 07:03		1
Bromoform	ND		1.0	0.26	ug/L		05/16/13 07:03		1
Bromomethane	ND		1.0	0.69	ug/L		05/16/13 07:03		1
Carbon disulfide	ND		1.0	0.19	ug/L		05/16/13 07:03		1
Carbon tetrachloride	ND		1.0	0.27	ug/L		05/16/13 07:03		1
Chlorobenzene	ND		1.0	0.75	ug/L		05/16/13 07:03		1
Dibromochloromethane	ND		1.0	0.32	ug/L		05/16/13 07:03		1
Chloroethane	ND		1.0	0.32	ug/L		05/16/13 07:03		1
Chloroform	ND		1.0	0.34	ug/L		05/16/13 07:03		1
Chloromethane	ND		1.0	0.35	ug/L		05/16/13 07:03		1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L		05/16/13 07:03		1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L		05/16/13 07:03		1
Ethylbenzene	ND		1.0	0.74	ug/L		05/16/13 07:03		1
Methylene Chloride	ND		1.0	0.44	ug/L		05/16/13 07:03		1
Styrene	ND		1.0	0.73	ug/L		05/16/13 07:03		1
Tetrachloroethene	ND		1.0	0.36	ug/L		05/16/13 07:03		1
Toluene	ND		1.0	0.51	ug/L		05/16/13 07:03		1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L		05/16/13 07:03		1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L		05/16/13 07:03		1
Trichloroethene	ND		1.0	0.46	ug/L		05/16/13 07:03		1
Vinyl chloride	ND		1.0	0.90	ug/L		05/16/13 07:03		1
Xylenes, Total	ND		2.0	0.66	ug/L		05/16/13 07:03		1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	121			66 - 137			05/16/13 07:03		1
Toluene-d8 (Surr)	102			71 - 126			05/16/13 07:03		1
4-Bromofluorobenzene (Surr)	106			73 - 120			05/16/13 07:03		1

TestAmerica Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE IRM Project

TestAmerica Job ID: 480-37860-1
 SDG: 480-37860

Client Sample ID: AF-11S 050713

Lab Sample ID: 480-37860-15

Matrix: Water

Date Collected: 05/07/13 15:20

Date Received: 05/08/13 09:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L		05/16/13 07:27		1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L		05/16/13 07:27		1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L		05/16/13 07:27		1
1,1-Dichloroethane	ND		1.0	0.38	ug/L		05/16/13 07:27		1
1,1-Dichloroethene	ND		1.0	0.29	ug/L		05/16/13 07:27		1
1,2-Dichloroethane	ND		1.0	0.21	ug/L		05/16/13 07:27		1
1,2-Dichloropropane	ND		1.0	0.72	ug/L		05/16/13 07:27		1
2-Hexanone	ND		5.0	1.2	ug/L		05/16/13 07:27		1
2-Butanone (MEK)	ND		10	1.3	ug/L		05/16/13 07:27		1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L		05/16/13 07:27		1
Acetone	3.1 J		10	3.0	ug/L		05/16/13 07:27		1
Benzene	ND		1.0	0.41	ug/L		05/16/13 07:27		1
Bromodichloromethane	ND		1.0	0.39	ug/L		05/16/13 07:27		1
Bromoform	ND		1.0	0.26	ug/L		05/16/13 07:27		1
Bromomethane	ND		1.0	0.69	ug/L		05/16/13 07:27		1
Carbon disulfide	ND		1.0	0.19	ug/L		05/16/13 07:27		1
Carbon tetrachloride	ND		1.0	0.27	ug/L		05/16/13 07:27		1
Chlorobenzene	ND		1.0	0.75	ug/L		05/16/13 07:27		1
Dibromochloromethane	ND		1.0	0.32	ug/L		05/16/13 07:27		1
Chloroethane	ND		1.0	0.32	ug/L		05/16/13 07:27		1
Chloroform	ND		1.0	0.34	ug/L		05/16/13 07:27		1
Chloromethane	ND		1.0	0.35	ug/L		05/16/13 07:27		1
cis-1,2-Dichloroethene	3.4		1.0	0.81	ug/L		05/16/13 07:27		1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L		05/16/13 07:27		1
Ethylbenzene	ND		1.0	0.74	ug/L		05/16/13 07:27		1
Methylene Chloride	ND		1.0	0.44	ug/L		05/16/13 07:27		1
Styrene	ND		1.0	0.73	ug/L		05/16/13 07:27		1
Tetrachloroethene	ND		1.0	0.36	ug/L		05/16/13 07:27		1
Toluene	ND		1.0	0.51	ug/L		05/16/13 07:27		1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L		05/16/13 07:27		1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L		05/16/13 07:27		1
Trichloroethene	ND		1.0	0.46	ug/L		05/16/13 07:27		1
Vinyl chloride	7.8		1.0	0.90	ug/L		05/16/13 07:27		1
Xylenes, Total	ND		2.0	0.66	ug/L		05/16/13 07:27		1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	117			66 - 137			05/16/13 07:27		1
Toluene-d8 (Surr)	101			71 - 126			05/16/13 07:27		1
4-Bromofluorobenzene (Surr)	106			73 - 120			05/16/13 07:27		1

TestAmerica Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE IRM Project

TestAmerica Job ID: 480-37860-1
 SDG: 480-37860

Client Sample ID: AF-11D 050713

Lab Sample ID: 480-37860-16

Matrix: Water

Date Collected: 05/07/13 15:25

Date Received: 05/08/13 09:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L		05/15/13 08:54		1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L		05/15/13 08:54		1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L		05/15/13 08:54		1
1,1-Dichloroethane	ND		1.0	0.38	ug/L		05/15/13 08:54		1
1,1-Dichloroethene	ND		1.0	0.29	ug/L		05/15/13 08:54		1
1,2-Dichloroethane	ND		1.0	0.21	ug/L		05/15/13 08:54		1
1,2-Dichloropropane	ND		1.0	0.72	ug/L		05/15/13 08:54		1
2-Hexanone	ND		5.0	1.2	ug/L		05/15/13 08:54		1
2-Butanone (MEK)	ND		10	1.3	ug/L		05/15/13 08:54		1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L		05/15/13 08:54		1
Acetone	ND		10	3.0	ug/L		05/15/13 08:54		1
Benzene	ND		1.0	0.41	ug/L		05/15/13 08:54		1
Bromodichloromethane	ND		1.0	0.39	ug/L		05/15/13 08:54		1
Bromoform	ND		1.0	0.26	ug/L		05/15/13 08:54		1
Bromomethane	ND		1.0	0.69	ug/L		05/15/13 08:54		1
Carbon disulfide	ND		1.0	0.19	ug/L		05/15/13 08:54		1
Carbon tetrachloride	ND		1.0	0.27	ug/L		05/15/13 08:54		1
Chlorobenzene	ND		1.0	0.75	ug/L		05/15/13 08:54		1
Dibromochloromethane	ND		1.0	0.32	ug/L		05/15/13 08:54		1
Chloroethane	0.51 J		1.0	0.32	ug/L		05/15/13 08:54		1
Chloroform	ND		1.0	0.34	ug/L		05/15/13 08:54		1
Chloromethane	ND		1.0	0.35	ug/L		05/15/13 08:54		1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L		05/15/13 08:54		1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L		05/15/13 08:54		1
Ethylbenzene	ND		1.0	0.74	ug/L		05/15/13 08:54		1
Methylene Chloride	ND		1.0	0.44	ug/L		05/15/13 08:54		1
Styrene	ND		1.0	0.73	ug/L		05/15/13 08:54		1
Tetrachloroethene	ND		1.0	0.36	ug/L		05/15/13 08:54		1
Toluene	ND		1.0	0.51	ug/L		05/15/13 08:54		1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L		05/15/13 08:54		1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L		05/15/13 08:54		1
Trichloroethene	ND		1.0	0.46	ug/L		05/15/13 08:54		1
Vinyl chloride	1.4		1.0	0.90	ug/L		05/15/13 08:54		1
Xylenes, Total	ND		2.0	0.66	ug/L		05/15/13 08:54		1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92			66 - 137			05/15/13 08:54		1
Toluene-d8 (Surr)	94			71 - 126			05/15/13 08:54		1
4-Bromofluorobenzene (Surr)	106			73 - 120			05/15/13 08:54		1

TestAmerica Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE IRM Project

TestAmerica Job ID: 480-37860-1
 SDG: 480-37860

Client Sample ID: ADW-100 050713

Lab Sample ID: 480-37860-17

Date Collected: 05/07/13 00:00

Matrix: Water

Date Received: 05/08/13 09:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L		05/17/13 12:27		1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L		05/17/13 12:27		1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L		05/17/13 12:27		1
1,1-Dichloroethane	ND		1.0	0.38	ug/L		05/17/13 12:27		1
1,1-Dichloroethene	ND		1.0	0.29	ug/L		05/17/13 12:27		1
1,2-Dichloroethane	ND		1.0	0.21	ug/L		05/17/13 12:27		1
1,2-Dichloropropane	ND		1.0	0.72	ug/L		05/17/13 12:27		1
2-Hexanone	ND		5.0	1.2	ug/L		05/17/13 12:27		1
2-Butanone (MEK)	ND		10	1.3	ug/L		05/17/13 12:27		1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L		05/17/13 12:27		1
Acetone	ND		10	3.0	ug/L		05/17/13 12:27		1
Benzene	ND		1.0	0.41	ug/L		05/17/13 12:27		1
Bromodichloromethane	ND		1.0	0.39	ug/L		05/17/13 12:27		1
Bromoform	ND		1.0	0.26	ug/L		05/17/13 12:27		1
Bromomethane	ND		1.0	0.69	ug/L		05/17/13 12:27		1
Carbon disulfide	ND		1.0	0.19	ug/L		05/17/13 12:27		1
Carbon tetrachloride	ND		1.0	0.27	ug/L		05/17/13 12:27		1
Chlorobenzene	ND		1.0	0.75	ug/L		05/17/13 12:27		1
Dibromochloromethane	ND		1.0	0.32	ug/L		05/17/13 12:27		1
Chloroethane	ND		1.0	0.32	ug/L		05/17/13 12:27		1
Chloroform	ND		1.0	0.34	ug/L		05/17/13 12:27		1
Chloromethane	ND		1.0	0.35	ug/L		05/17/13 12:27		1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L		05/17/13 12:27		1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L		05/17/13 12:27		1
Ethylbenzene	ND		1.0	0.74	ug/L		05/17/13 12:27		1
Methylene Chloride	ND		1.0	0.44	ug/L		05/17/13 12:27		1
Styrene	ND		1.0	0.73	ug/L		05/17/13 12:27		1
Tetrachloroethene	ND		1.0	0.36	ug/L		05/17/13 12:27		1
Toluene	ND		1.0	0.51	ug/L		05/17/13 12:27		1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L		05/17/13 12:27		1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L		05/17/13 12:27		1
Trichloroethene	ND		1.0	0.46	ug/L		05/17/13 12:27		1
Vinyl chloride	1.3		1.0	0.90	ug/L		05/17/13 12:27		1
Xylenes, Total	ND		2.0	0.66	ug/L		05/17/13 12:27		1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	116			66 - 137			05/17/13 12:27		1
Toluene-d8 (Surr)	102			71 - 126			05/17/13 12:27		1
4-Bromofluorobenzene (Surr)	105			73 - 120			05/17/13 12:27		1

TestAmerica Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE IRM Project

TestAmerica Job ID: 480-37860-1
 SDG: 480-37860

Client Sample ID: PMW-4D 050713

Lab Sample ID: 480-37860-18

Matrix: Water

Date Collected: 05/07/13 15:50

Date Received: 05/08/13 09:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L		05/16/13 14:13		1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L		05/16/13 14:13		1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L		05/16/13 14:13		1
1,1-Dichloroethane	ND		1.0	0.38	ug/L		05/16/13 14:13		1
1,1-Dichloroethene	ND		1.0	0.29	ug/L		05/16/13 14:13		1
1,2-Dichloroethane	ND		1.0	0.21	ug/L		05/16/13 14:13		1
1,2-Dichloropropane	ND		1.0	0.72	ug/L		05/16/13 14:13		1
2-Hexanone	ND		5.0	1.2	ug/L		05/16/13 14:13		1
2-Butanone (MEK)	ND		10	1.3	ug/L		05/16/13 14:13		1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L		05/16/13 14:13		1
Acetone	ND		10	3.0	ug/L		05/16/13 14:13		1
Benzene	ND		1.0	0.41	ug/L		05/16/13 14:13		1
Bromodichloromethane	ND		1.0	0.39	ug/L		05/16/13 14:13		1
Bromoform	ND		1.0	0.26	ug/L		05/16/13 14:13		1
Bromomethane	ND		1.0	0.69	ug/L		05/16/13 14:13		1
Carbon disulfide	ND		1.0	0.19	ug/L		05/16/13 14:13		1
Carbon tetrachloride	ND		1.0	0.27	ug/L		05/16/13 14:13		1
Chlorobenzene	ND		1.0	0.75	ug/L		05/16/13 14:13		1
Dibromochloromethane	ND		1.0	0.32	ug/L		05/16/13 14:13		1
Chloroethane	ND		1.0	0.32	ug/L		05/16/13 14:13		1
Chloroform	ND		1.0	0.34	ug/L		05/16/13 14:13		1
Chloromethane	ND		1.0	0.35	ug/L		05/16/13 14:13		1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L		05/16/13 14:13		1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L		05/16/13 14:13		1
Ethylbenzene	ND		1.0	0.74	ug/L		05/16/13 14:13		1
Methylene Chloride	ND		1.0	0.44	ug/L		05/16/13 14:13		1
Styrene	ND		1.0	0.73	ug/L		05/16/13 14:13		1
Tetrachloroethene	ND		1.0	0.36	ug/L		05/16/13 14:13		1
Toluene	ND		1.0	0.51	ug/L		05/16/13 14:13		1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L		05/16/13 14:13		1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L		05/16/13 14:13		1
Trichloroethene	ND		1.0	0.46	ug/L		05/16/13 14:13		1
Vinyl chloride	4.1		1.0	0.90	ug/L		05/16/13 14:13		1
Xylenes, Total	ND		2.0	0.66	ug/L		05/16/13 14:13		1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	114			66 - 137			05/16/13 14:13		1
Toluene-d8 (Surr)	100			71 - 126			05/16/13 14:13		1
4-Bromofluorobenzene (Surr)	105			73 - 120			05/16/13 14:13		1

TestAmerica Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE IRM Project

TestAmerica Job ID: 480-37860-1
 SDG: 480-37860

Client Sample ID: AF-13P 050713

Date Collected: 05/07/13 16:05

Date Received: 05/08/13 09:15

Lab Sample ID: 480-37860-19

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L		05/16/13 14:37		1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L		05/16/13 14:37		1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L		05/16/13 14:37		1
1,1-Dichloroethane	ND		1.0	0.38	ug/L		05/16/13 14:37		1
1,1-Dichloroethene	ND		1.0	0.29	ug/L		05/16/13 14:37		1
1,2-Dichloroethane	ND		1.0	0.21	ug/L		05/16/13 14:37		1
1,2-Dichloropropane	ND		1.0	0.72	ug/L		05/16/13 14:37		1
2-Hexanone	ND		5.0	1.2	ug/L		05/16/13 14:37		1
2-Butanone (MEK)	ND		10	1.3	ug/L		05/16/13 14:37		1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L		05/16/13 14:37		1
Acetone	ND		10	3.0	ug/L		05/16/13 14:37		1
Benzene	ND		1.0	0.41	ug/L		05/16/13 14:37		1
Bromodichloromethane	ND		1.0	0.39	ug/L		05/16/13 14:37		1
Bromoform	ND		1.0	0.26	ug/L		05/16/13 14:37		1
Bromomethane	ND		1.0	0.69	ug/L		05/16/13 14:37		1
Carbon disulfide	ND		1.0	0.19	ug/L		05/16/13 14:37		1
Carbon tetrachloride	ND		1.0	0.27	ug/L		05/16/13 14:37		1
Chlorobenzene	ND		1.0	0.75	ug/L		05/16/13 14:37		1
Dibromochloromethane	ND		1.0	0.32	ug/L		05/16/13 14:37		1
Chloroethane	ND		1.0	0.32	ug/L		05/16/13 14:37		1
Chloroform	ND		1.0	0.34	ug/L		05/16/13 14:37		1
Chloromethane	ND		1.0	0.35	ug/L		05/16/13 14:37		1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L		05/16/13 14:37		1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L		05/16/13 14:37		1
Ethylbenzene	ND		1.0	0.74	ug/L		05/16/13 14:37		1
Methylene Chloride	ND		1.0	0.44	ug/L		05/16/13 14:37		1
Styrene	ND		1.0	0.73	ug/L		05/16/13 14:37		1
Tetrachloroethene	ND		1.0	0.36	ug/L		05/16/13 14:37		1
Toluene	ND		1.0	0.51	ug/L		05/16/13 14:37		1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L		05/16/13 14:37		1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L		05/16/13 14:37		1
Trichloroethene	ND		1.0	0.46	ug/L		05/16/13 14:37		1
Vinyl chloride	ND		1.0	0.90	ug/L		05/16/13 14:37		1
Xylenes, Total	ND		2.0	0.66	ug/L		05/16/13 14:37		1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112			66 - 137			05/16/13 14:37		1
Toluene-d8 (Surr)	100			71 - 126			05/16/13 14:37		1
4-Bromofluorobenzene (Surr)	105			73 - 120			05/16/13 14:37		1

TestAmerica Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE IRM Project

TestAmerica Job ID: 480-37860-1
 SDG: 480-37860

Client Sample ID: AF-13S 050713

Date Collected: 05/07/13 16:10

Date Received: 05/08/13 09:15

Lab Sample ID: 480-37860-20

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L		05/16/13 15:01		1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L		05/16/13 15:01		1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L		05/16/13 15:01		1
1,1-Dichloroethane	ND		1.0	0.38	ug/L		05/16/13 15:01		1
1,1-Dichloroethene	ND		1.0	0.29	ug/L		05/16/13 15:01		1
1,2-Dichloroethane	ND		1.0	0.21	ug/L		05/16/13 15:01		1
1,2-Dichloropropane	ND		1.0	0.72	ug/L		05/16/13 15:01		1
2-Hexanone	ND		5.0	1.2	ug/L		05/16/13 15:01		1
2-Butanone (MEK)	ND		10	1.3	ug/L		05/16/13 15:01		1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L		05/16/13 15:01		1
Acetone	ND		10	3.0	ug/L		05/16/13 15:01		1
Benzene	ND		1.0	0.41	ug/L		05/16/13 15:01		1
Bromodichloromethane	ND		1.0	0.39	ug/L		05/16/13 15:01		1
Bromoform	ND		1.0	0.26	ug/L		05/16/13 15:01		1
Bromomethane	ND		1.0	0.69	ug/L		05/16/13 15:01		1
Carbon disulfide	ND		1.0	0.19	ug/L		05/16/13 15:01		1
Carbon tetrachloride	ND		1.0	0.27	ug/L		05/16/13 15:01		1
Chlorobenzene	ND		1.0	0.75	ug/L		05/16/13 15:01		1
Dibromochloromethane	ND		1.0	0.32	ug/L		05/16/13 15:01		1
Chloroethane	ND		1.0	0.32	ug/L		05/16/13 15:01		1
Chloroform	ND		1.0	0.34	ug/L		05/16/13 15:01		1
Chloromethane	ND		1.0	0.35	ug/L		05/16/13 15:01		1
cis-1,2-Dichloroethene	35		1.0	0.81	ug/L		05/16/13 15:01		1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L		05/16/13 15:01		1
Ethylbenzene	ND		1.0	0.74	ug/L		05/16/13 15:01		1
Methylene Chloride	ND		1.0	0.44	ug/L		05/16/13 15:01		1
Styrene	ND		1.0	0.73	ug/L		05/16/13 15:01		1
Tetrachloroethene	ND		1.0	0.36	ug/L		05/16/13 15:01		1
Toluene	ND		1.0	0.51	ug/L		05/16/13 15:01		1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L		05/16/13 15:01		1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L		05/16/13 15:01		1
Trichloroethene	ND		1.0	0.46	ug/L		05/16/13 15:01		1
Vinyl chloride	1.7		1.0	0.90	ug/L		05/16/13 15:01		1
Xylenes, Total	ND		2.0	0.66	ug/L		05/16/13 15:01		1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	113			66 - 137			05/16/13 15:01		1
Toluene-d8 (Surr)	101			71 - 126			05/16/13 15:01		1
4-Bromofluorobenzene (Surr)	105			73 - 120			05/16/13 15:01		1

TestAmerica Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE IRM Project

TestAmerica Job ID: 480-37860-1
 SDG: 480-37860

Client Sample ID: OSMW-9S 050713

Lab Sample ID: 480-37860-21

Date Collected: 05/07/13 17:00

Matrix: Water

Date Received: 05/08/13 09:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	1.6	ug/L			05/17/13 12:51	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			05/17/13 12:51	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			05/17/13 12:51	2
1,1-Dichloroethane	1.5	J	2.0	0.76	ug/L			05/17/13 12:51	2
1,1-Dichloroethene	1.8	J	2.0	0.58	ug/L			05/17/13 12:51	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			05/17/13 12:51	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			05/17/13 12:51	2
2-Hexanone	ND		10	2.5	ug/L			05/17/13 12:51	2
2-Butanone (MEK)	ND		20	2.6	ug/L			05/17/13 12:51	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			05/17/13 12:51	2
Acetone	ND		20	6.0	ug/L			05/17/13 12:51	2
Benzene	ND		2.0	0.82	ug/L			05/17/13 12:51	2
Bromodichloromethane	ND		2.0	0.78	ug/L			05/17/13 12:51	2
Bromoform	ND		2.0	0.52	ug/L			05/17/13 12:51	2
Bromomethane	ND		2.0	1.4	ug/L			05/17/13 12:51	2
Carbon disulfide	ND		2.0	0.38	ug/L			05/17/13 12:51	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			05/17/13 12:51	2
Chlorobenzene	ND		2.0	1.5	ug/L			05/17/13 12:51	2
Dibromochloromethane	ND		2.0	0.64	ug/L			05/17/13 12:51	2
Chloroethane	ND		2.0	0.64	ug/L			05/17/13 12:51	2
Chloroform	ND		2.0	0.68	ug/L			05/17/13 12:51	2
Chloromethane	ND		2.0	0.70	ug/L			05/17/13 12:51	2
cis-1,2-Dichloroethene	77		2.0	1.6	ug/L			05/17/13 12:51	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			05/17/13 12:51	2
Ethylbenzene	ND		2.0	1.5	ug/L			05/17/13 12:51	2
Methylene Chloride	ND		2.0	0.88	ug/L			05/17/13 12:51	2
Styrene	ND		2.0	1.5	ug/L			05/17/13 12:51	2
Tetrachloroethene	ND		2.0	0.72	ug/L			05/17/13 12:51	2
Toluene	ND		2.0	1.0	ug/L			05/17/13 12:51	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			05/17/13 12:51	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			05/17/13 12:51	2
Trichloroethene	ND		2.0	0.92	ug/L			05/17/13 12:51	2
Vinyl chloride	150		2.0	1.8	ug/L			05/17/13 12:51	2
Xylenes, Total	ND		4.0	1.3	ug/L			05/17/13 12:51	2
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	117			66 - 137				05/17/13 12:51	2
Toluene-d8 (Surr)	103			71 - 126				05/17/13 12:51	2
4-Bromofluorobenzene (Surr)	107			73 - 120				05/17/13 12:51	2

TestAmerica Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE IRM Project

TestAmerica Job ID: 480-37860-1
 SDG: 480-37860

Client Sample ID: OSMW-9D 050713

Lab Sample ID: 480-37860-22

Matrix: Water

Date Collected: 05/07/13 17:15

Date Received: 05/08/13 09:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L		05/16/13 15:49		1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L		05/16/13 15:49		1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L		05/16/13 15:49		1
1,1-Dichloroethane	ND		1.0	0.38	ug/L		05/16/13 15:49		1
1,1-Dichloroethene	ND		1.0	0.29	ug/L		05/16/13 15:49		1
1,2-Dichloroethane	ND		1.0	0.21	ug/L		05/16/13 15:49		1
1,2-Dichloropropane	ND		1.0	0.72	ug/L		05/16/13 15:49		1
2-Hexanone	ND		5.0	1.2	ug/L		05/16/13 15:49		1
2-Butanone (MEK)	ND		10	1.3	ug/L		05/16/13 15:49		1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L		05/16/13 15:49		1
Acetone	ND		10	3.0	ug/L		05/16/13 15:49		1
Benzene	ND		1.0	0.41	ug/L		05/16/13 15:49		1
Bromodichloromethane	ND		1.0	0.39	ug/L		05/16/13 15:49		1
Bromoform	ND		1.0	0.26	ug/L		05/16/13 15:49		1
Bromomethane	ND		1.0	0.69	ug/L		05/16/13 15:49		1
Carbon disulfide	ND		1.0	0.19	ug/L		05/16/13 15:49		1
Carbon tetrachloride	ND		1.0	0.27	ug/L		05/16/13 15:49		1
Chlorobenzene	ND		1.0	0.75	ug/L		05/16/13 15:49		1
Dibromochloromethane	ND		1.0	0.32	ug/L		05/16/13 15:49		1
Chloroethane	ND		1.0	0.32	ug/L		05/16/13 15:49		1
Chloroform	ND		1.0	0.34	ug/L		05/16/13 15:49		1
Chloromethane	ND		1.0	0.35	ug/L		05/16/13 15:49		1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L		05/16/13 15:49		1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L		05/16/13 15:49		1
Ethylbenzene	ND		1.0	0.74	ug/L		05/16/13 15:49		1
Methylene Chloride	ND		1.0	0.44	ug/L		05/16/13 15:49		1
Styrene	ND		1.0	0.73	ug/L		05/16/13 15:49		1
Tetrachloroethene	ND		1.0	0.36	ug/L		05/16/13 15:49		1
Toluene	ND		1.0	0.51	ug/L		05/16/13 15:49		1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L		05/16/13 15:49		1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L		05/16/13 15:49		1
Trichloroethene	ND		1.0	0.46	ug/L		05/16/13 15:49		1
Vinyl chloride	14		1.0	0.90	ug/L		05/16/13 15:49		1
Xylenes, Total	ND		2.0	0.66	ug/L		05/16/13 15:49		1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	117			66 - 137			05/16/13 15:49		1
Toluene-d8 (Surr)	102			71 - 126			05/16/13 15:49		1
4-Bromofluorobenzene (Surr)	104			73 - 120			05/16/13 15:49		1

TestAmerica Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE IRM Project

TestAmerica Job ID: 480-37860-1
 SDG: 480-37860

Client Sample ID: OSMW-12P 050713

Lab Sample ID: 480-37860-23

Matrix: Water

Date Collected: 05/07/13 17:35

Date Received: 05/08/13 09:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	3.6		1.0	0.82	ug/L		05/16/13 16:13		1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L		05/16/13 16:13		1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L		05/16/13 16:13		1
1,1-Dichloroethane	2.0		1.0	0.38	ug/L		05/16/13 16:13		1
1,1-Dichloroethene	ND		1.0	0.29	ug/L		05/16/13 16:13		1
1,2-Dichloroethane	ND		1.0	0.21	ug/L		05/16/13 16:13		1
1,2-Dichloropropane	ND		1.0	0.72	ug/L		05/16/13 16:13		1
2-Hexanone	ND		5.0	1.2	ug/L		05/16/13 16:13		1
2-Butanone (MEK)	ND		10	1.3	ug/L		05/16/13 16:13		1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L		05/16/13 16:13		1
Acetone	3.4	J	10	3.0	ug/L		05/16/13 16:13		1
Benzene	ND		1.0	0.41	ug/L		05/16/13 16:13		1
Bromodichloromethane	ND		1.0	0.39	ug/L		05/16/13 16:13		1
Bromoform	ND		1.0	0.26	ug/L		05/16/13 16:13		1
Bromomethane	ND		1.0	0.69	ug/L		05/16/13 16:13		1
Carbon disulfide	ND		1.0	0.19	ug/L		05/16/13 16:13		1
Carbon tetrachloride	ND		1.0	0.27	ug/L		05/16/13 16:13		1
Chlorobenzene	ND		1.0	0.75	ug/L		05/16/13 16:13		1
Dibromochloromethane	ND		1.0	0.32	ug/L		05/16/13 16:13		1
Chloroethane	ND		1.0	0.32	ug/L		05/16/13 16:13		1
Chloroform	ND		1.0	0.34	ug/L		05/16/13 16:13		1
Chloromethane	ND		1.0	0.35	ug/L		05/16/13 16:13		1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L		05/16/13 16:13		1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L		05/16/13 16:13		1
Ethylbenzene	ND		1.0	0.74	ug/L		05/16/13 16:13		1
Methylene Chloride	ND		1.0	0.44	ug/L		05/16/13 16:13		1
Styrene	ND		1.0	0.73	ug/L		05/16/13 16:13		1
Tetrachloroethene	ND		1.0	0.36	ug/L		05/16/13 16:13		1
Toluene	ND		1.0	0.51	ug/L		05/16/13 16:13		1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L		05/16/13 16:13		1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L		05/16/13 16:13		1
Trichloroethene	4.4		1.0	0.46	ug/L		05/16/13 16:13		1
Vinyl chloride	ND		1.0	0.90	ug/L		05/16/13 16:13		1
Xylenes, Total	ND		2.0	0.66	ug/L		05/16/13 16:13		1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	114			66 - 137			05/16/13 16:13		1
Toluene-d8 (Surr)	100			71 - 126			05/16/13 16:13		1
4-Bromofluorobenzene (Surr)	103			73 - 120			05/16/13 16:13		1

TestAmerica Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE IRM Project

TestAmerica Job ID: 480-37860-1
 SDG: 480-37860

Client Sample ID: OSMW-11P 050713

Lab Sample ID: 480-37860-24

Matrix: Water

Date Collected: 05/07/13 18:10

Date Received: 05/08/13 09:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L		05/16/13 16:37		1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L		05/16/13 16:37		1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L		05/16/13 16:37		1
1,1-Dichloroethane	2.6		1.0	0.38	ug/L		05/16/13 16:37		1
1,1-Dichloroethene	ND		1.0	0.29	ug/L		05/16/13 16:37		1
1,2-Dichloroethane	ND		1.0	0.21	ug/L		05/16/13 16:37		1
1,2-Dichloropropane	ND		1.0	0.72	ug/L		05/16/13 16:37		1
2-Hexanone	ND		5.0	1.2	ug/L		05/16/13 16:37		1
2-Butanone (MEK)	ND		10	1.3	ug/L		05/16/13 16:37		1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L		05/16/13 16:37		1
Acetone	ND		10	3.0	ug/L		05/16/13 16:37		1
Benzene	ND		1.0	0.41	ug/L		05/16/13 16:37		1
Bromodichloromethane	ND		1.0	0.39	ug/L		05/16/13 16:37		1
Bromoform	ND		1.0	0.26	ug/L		05/16/13 16:37		1
Bromomethane	ND		1.0	0.69	ug/L		05/16/13 16:37		1
Carbon disulfide	ND		1.0	0.19	ug/L		05/16/13 16:37		1
Carbon tetrachloride	ND		1.0	0.27	ug/L		05/16/13 16:37		1
Chlorobenzene	ND		1.0	0.75	ug/L		05/16/13 16:37		1
Dibromochloromethane	ND		1.0	0.32	ug/L		05/16/13 16:37		1
Chloroethane	ND		1.0	0.32	ug/L		05/16/13 16:37		1
Chloroform	ND		1.0	0.34	ug/L		05/16/13 16:37		1
Chloromethane	ND		1.0	0.35	ug/L		05/16/13 16:37		1
cis-1,2-Dichloroethene	1.5		1.0	0.81	ug/L		05/16/13 16:37		1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L		05/16/13 16:37		1
Ethylbenzene	ND		1.0	0.74	ug/L		05/16/13 16:37		1
Methylene Chloride	ND		1.0	0.44	ug/L		05/16/13 16:37		1
Styrene	ND		1.0	0.73	ug/L		05/16/13 16:37		1
Tetrachloroethene	ND		1.0	0.36	ug/L		05/16/13 16:37		1
Toluene	ND		1.0	0.51	ug/L		05/16/13 16:37		1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L		05/16/13 16:37		1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L		05/16/13 16:37		1
Trichloroethene	ND		1.0	0.46	ug/L		05/16/13 16:37		1
Vinyl chloride	ND		1.0	0.90	ug/L		05/16/13 16:37		1
Xylenes, Total	ND		2.0	0.66	ug/L		05/16/13 16:37		1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	118			66 - 137			05/16/13 16:37		1
Toluene-d8 (Surr)	101			71 - 126			05/16/13 16:37		1
4-Bromofluorobenzene (Surr)	105			73 - 120			05/16/13 16:37		1

TestAmerica Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE IRM Project

TestAmerica Job ID: 480-37860-1
 SDG: 480-37860

Client Sample ID: OSMW-11S 050713

Lab Sample ID: 480-37860-25

Matrix: Water

Date Collected: 05/07/13 18:15

Date Received: 05/08/13 09:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0	3.3	ug/L			05/16/13 17:01	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			05/16/13 17:01	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			05/16/13 17:01	4
1,1-Dichloroethane	29		4.0	1.5	ug/L			05/16/13 17:01	4
1,1-Dichloroethene	2.8	J	4.0	1.2	ug/L			05/16/13 17:01	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			05/16/13 17:01	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			05/16/13 17:01	4
2-Hexanone	ND		20	5.0	ug/L			05/16/13 17:01	4
2-Butanone (MEK)	ND		40	5.3	ug/L			05/16/13 17:01	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			05/16/13 17:01	4
Acetone	ND		40	12	ug/L			05/16/13 17:01	4
Benzene	ND		4.0	1.6	ug/L			05/16/13 17:01	4
Bromodichloromethane	ND		4.0	1.6	ug/L			05/16/13 17:01	4
Bromoform	ND		4.0	1.0	ug/L			05/16/13 17:01	4
Bromomethane	ND		4.0	2.8	ug/L			05/16/13 17:01	4
Carbon disulfide	ND		4.0	0.76	ug/L			05/16/13 17:01	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			05/16/13 17:01	4
Chlorobenzene	ND		4.0	3.0	ug/L			05/16/13 17:01	4
Dibromochloromethane	ND		4.0	1.3	ug/L			05/16/13 17:01	4
Chloroethane	ND		4.0	1.3	ug/L			05/16/13 17:01	4
Chloroform	ND		4.0	1.4	ug/L			05/16/13 17:01	4
Chloromethane	ND		4.0	1.4	ug/L			05/16/13 17:01	4
cis-1,2-Dichloroethene	230		4.0	3.2	ug/L			05/16/13 17:01	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			05/16/13 17:01	4
Ethylbenzene	ND		4.0	3.0	ug/L			05/16/13 17:01	4
Methylene Chloride	ND		4.0	1.8	ug/L			05/16/13 17:01	4
Styrene	ND		4.0	2.9	ug/L			05/16/13 17:01	4
Tetrachloroethene	ND		4.0	1.4	ug/L			05/16/13 17:01	4
Toluene	ND		4.0	2.0	ug/L			05/16/13 17:01	4
trans-1,2-Dichloroethene	5.0		4.0	3.6	ug/L			05/16/13 17:01	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			05/16/13 17:01	4
Trichloroethene	18		4.0	1.8	ug/L			05/16/13 17:01	4
Vinyl chloride	4.0		4.0	3.6	ug/L			05/16/13 17:01	4
Xylenes, Total	ND		8.0	2.6	ug/L			05/16/13 17:01	4
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	116			66 - 137				05/16/13 17:01	4
Toluene-d8 (Surr)	101			71 - 126				05/16/13 17:01	4
4-Bromofluorobenzene (Surr)	109			73 - 120				05/16/13 17:01	4

TestAmerica Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE IRM Project

TestAmerica Job ID: 480-37860-1
 SDG: 480-37860

Client Sample ID: OSMW-11D 050713

Lab Sample ID: 480-37860-26

Matrix: Water

Date Collected: 05/07/13 18:20

Date Received: 05/08/13 09:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0	3.3	ug/L			05/16/13 17:25	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			05/16/13 17:25	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			05/16/13 17:25	4
1,1-Dichloroethane	28		4.0	1.5	ug/L			05/16/13 17:25	4
1,1-Dichloroethene	2.3 J		4.0	1.2	ug/L			05/16/13 17:25	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			05/16/13 17:25	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			05/16/13 17:25	4
2-Hexanone	ND		20	5.0	ug/L			05/16/13 17:25	4
2-Butanone (MEK)	ND		40	5.3	ug/L			05/16/13 17:25	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			05/16/13 17:25	4
Acetone	ND		40	12	ug/L			05/16/13 17:25	4
Benzene	ND		4.0	1.6	ug/L			05/16/13 17:25	4
Bromodichloromethane	ND		4.0	1.6	ug/L			05/16/13 17:25	4
Bromoform	ND		4.0	1.0	ug/L			05/16/13 17:25	4
Bromomethane	ND		4.0	2.8	ug/L			05/16/13 17:25	4
Carbon disulfide	ND		4.0	0.76	ug/L			05/16/13 17:25	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			05/16/13 17:25	4
Chlorobenzene	ND		4.0	3.0	ug/L			05/16/13 17:25	4
Dibromochloromethane	ND		4.0	1.3	ug/L			05/16/13 17:25	4
Chloroethane	ND		4.0	1.3	ug/L			05/16/13 17:25	4
Chloroform	ND		4.0	1.4	ug/L			05/16/13 17:25	4
Chloromethane	ND		4.0	1.4	ug/L			05/16/13 17:25	4
cis-1,2-Dichloroethene	230		4.0	3.2	ug/L			05/16/13 17:25	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			05/16/13 17:25	4
Ethylbenzene	ND		4.0	3.0	ug/L			05/16/13 17:25	4
Methylene Chloride	ND		4.0	1.8	ug/L			05/16/13 17:25	4
Styrene	ND		4.0	2.9	ug/L			05/16/13 17:25	4
Tetrachloroethene	ND		4.0	1.4	ug/L			05/16/13 17:25	4
Toluene	ND		4.0	2.0	ug/L			05/16/13 17:25	4
trans-1,2-Dichloroethene	4.6		4.0	3.6	ug/L			05/16/13 17:25	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			05/16/13 17:25	4
Trichloroethene	20		4.0	1.8	ug/L			05/16/13 17:25	4
Vinyl chloride	3.7 J		4.0	3.6	ug/L			05/16/13 17:25	4
Xylenes, Total	ND		8.0	2.6	ug/L			05/16/13 17:25	4
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	117			66 - 137				05/16/13 17:25	4
Toluene-d8 (Surr)	100			71 - 126				05/16/13 17:25	4
4-Bromofluorobenzene (Surr)	105			73 - 120				05/16/13 17:25	4

TestAmerica Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE IRM Project

TestAmerica Job ID: 480-37860-1
 SDG: 480-37860

Client Sample ID: OSMW-13P 050713

Lab Sample ID: 480-37860-27

Matrix: Water

Date Collected: 05/07/13 18:45

Date Received: 05/08/13 09:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			05/16/13 17:49	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/16/13 17:49	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/16/13 17:49	1
1,1-Dichloroethane	3.1		1.0	0.38	ug/L			05/16/13 17:49	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			05/16/13 17:49	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/16/13 17:49	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/16/13 17:49	1
2-Hexanone	ND		5.0	1.2	ug/L			05/16/13 17:49	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/16/13 17:49	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/16/13 17:49	1
Acetone	ND		10	3.0	ug/L			05/16/13 17:49	1
Benzene	ND		1.0	0.41	ug/L			05/16/13 17:49	1
Bromodichloromethane	ND		1.0	0.39	ug/L			05/16/13 17:49	1
Bromoform	ND		1.0	0.26	ug/L			05/16/13 17:49	1
Bromomethane	ND		1.0	0.69	ug/L			05/16/13 17:49	1
Carbon disulfide	ND		1.0	0.19	ug/L			05/16/13 17:49	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/16/13 17:49	1
Chlorobenzene	ND		1.0	0.75	ug/L			05/16/13 17:49	1
Dibromochloromethane	ND		1.0	0.32	ug/L			05/16/13 17:49	1
Chloroethane	ND		1.0	0.32	ug/L			05/16/13 17:49	1
Chloroform	ND		1.0	0.34	ug/L			05/16/13 17:49	1
Chloromethane	ND		1.0	0.35	ug/L			05/16/13 17:49	1
cis-1,2-Dichloroethene	1.2		1.0	0.81	ug/L			05/16/13 17:49	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			05/16/13 17:49	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/16/13 17:49	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/16/13 17:49	1
Styrene	ND		1.0	0.73	ug/L			05/16/13 17:49	1
Tetrachloroethene	ND		1.0	0.36	ug/L			05/16/13 17:49	1
Toluene	ND		1.0	0.51	ug/L			05/16/13 17:49	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			05/16/13 17:49	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			05/16/13 17:49	1
Trichloroethene	ND		1.0	0.46	ug/L			05/16/13 17:49	1
Vinyl chloride	ND		1.0	0.90	ug/L			05/16/13 17:49	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/16/13 17:49	1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	116			66 - 137				05/16/13 17:49	1
Toluene-d8 (Surr)	101			71 - 126				05/16/13 17:49	1
4-Bromofluorobenzene (Surr)	103			73 - 120				05/16/13 17:49	1

TestAmerica Buffalo

Surrogate Summary

Client: O'Brien & Gere Inc of North America
 Project/Site: GE IRM Project

TestAmerica Job ID: 480-37860-1
 SDG: 480-37860

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		12DCE (66-137)	TOL (71-126)	BFB (73-120)
480-37860-1	Trip Blank 050713	91	94	106
480-37860-2	PMW-3P 050713	91	96	104
480-37860-3	PMW-3S 050713	113	101	103
480-37860-4	PMW-3D 050713	116	102	104
480-37860-5	OSMW-10P 050713	116	103	107
480-37860-5 - DL	OSMW-10P 050713	115	103	106
480-37860-6	OSMW-10S 050713	116	101	103
480-37860-7	OSMW-10D 050713	106	106	100
480-37860-8	TMW-1P 050713	117	100	102
480-37860-9	AF-4P 050713	90	95	104
480-37860-10	AF-4S 050713	92	94	103
480-37860-11	PMW-2D 050713	91	96	107
480-37860-12	AF-6S 050713	89	93	103
480-37860-13	AF-19S 050713	119	101	104
480-37860-14	AF-19D 050713	121	102	106
480-37860-15	AF-11S 050713	117	101	106
480-37860-16	AF-11D 050713	92	94	106
480-37860-16 MS	AF-11D 050713	112	105	106
480-37860-16 MSD	AF-11D 050713	112	103	104
480-37860-17	ADW-100 050713	116	102	105
480-37860-18	PMW-4D 050713	114	100	105
480-37860-19	AF-13P 050713	112	100	105
480-37860-20	AF-13S 050713	113	101	105
480-37860-21	OSMW-9S 050713	117	103	107
480-37860-22	OSMW-9D 050713	117	102	104
480-37860-23	OSMW-12P 050713	114	100	103
480-37860-24	OSMW-11P 050713	118	101	105
480-37860-25	OSMW-11S 050713	116	101	109
480-37860-26	OSMW-11D 050713	117	100	105
480-37860-27	OSMW-13P 050713	116	101	103
LCS 480-118586/4	Lab Control Sample	93	97	106
LCS 480-118862/5	Lab Control Sample	113	104	106
LCS 480-118915/4	Lab Control Sample	111	103	103
LCS 480-119160/5	Lab Control Sample	112	103	106
LCS 480-119666/5	Lab Control Sample	100	104	100
LCSD 480-119666/7	Lab Control Sample Dup	103	104	105
MB 480-118586/7	Method Blank	87	94	107
MB 480-118862/6	Method Blank	111	101	105
MB 480-118915/5	Method Blank	115	101	105
MB 480-119160/6	Method Blank	118	101	107
MB 480-119666/6	Method Blank	106	104	103

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

QC Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-37860-1
SDG: 480-37860

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-118586/7

Matrix: Water

Analysis Batch: 118586

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier				
1,1,1-Trichloroethane	ND		1.0	0.82 ug/L	05/15/13 01:00	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21 ug/L	05/15/13 01:00	1
1,1,2-Trichloroethane	ND		1.0	0.23 ug/L	05/15/13 01:00	1
1,1-Dichloroethane	ND		1.0	0.38 ug/L	05/15/13 01:00	1
1,1-Dichloroethene	ND		1.0	0.29 ug/L	05/15/13 01:00	1
1,2-Dichloroethane	ND		1.0	0.21 ug/L	05/15/13 01:00	1
1,2-Dichloropropane	ND		1.0	0.72 ug/L	05/15/13 01:00	1
2-Hexanone	ND		5.0	1.2 ug/L	05/15/13 01:00	1
2-Butanone (MEK)	ND		10	1.3 ug/L	05/15/13 01:00	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1 ug/L	05/15/13 01:00	1
Acetone	ND		10	3.0 ug/L	05/15/13 01:00	1
Benzene	ND		1.0	0.41 ug/L	05/15/13 01:00	1
Bromodichloromethane	ND		1.0	0.39 ug/L	05/15/13 01:00	1
Bromoform	ND		1.0	0.26 ug/L	05/15/13 01:00	1
Bromomethane	ND		1.0	0.69 ug/L	05/15/13 01:00	1
Carbon disulfide	ND		1.0	0.19 ug/L	05/15/13 01:00	1
Carbon tetrachloride	ND		1.0	0.27 ug/L	05/15/13 01:00	1
Chlorobenzene	ND		1.0	0.75 ug/L	05/15/13 01:00	1
Dibromochloromethane	ND		1.0	0.32 ug/L	05/15/13 01:00	1
Chloroethane	ND		1.0	0.32 ug/L	05/15/13 01:00	1
Chloroform	ND		1.0	0.34 ug/L	05/15/13 01:00	1
Chloromethane	ND		1.0	0.35 ug/L	05/15/13 01:00	1
cis-1,2-Dichloroethene	ND		1.0	0.81 ug/L	05/15/13 01:00	1
cis-1,3-Dichloropropene	ND		1.0	0.36 ug/L	05/15/13 01:00	1
Ethylbenzene	ND		1.0	0.74 ug/L	05/15/13 01:00	1
Methylene Chloride	ND		1.0	0.44 ug/L	05/15/13 01:00	1
Styrene	ND		1.0	0.73 ug/L	05/15/13 01:00	1
Tetrachloroethene	ND		1.0	0.36 ug/L	05/15/13 01:00	1
Toluene	ND		1.0	0.51 ug/L	05/15/13 01:00	1
trans-1,2-Dichloroethene	ND		1.0	0.90 ug/L	05/15/13 01:00	1
trans-1,3-Dichloropropene	ND		1.0	0.37 ug/L	05/15/13 01:00	1
Trichloroethene	ND		1.0	0.46 ug/L	05/15/13 01:00	1
Vinyl chloride	ND		1.0	0.90 ug/L	05/15/13 01:00	1
Xylenes, Total	ND		2.0	0.66 ug/L	05/15/13 01:00	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	87		66 - 137		05/15/13 01:00	1
Toluene-d8 (Surr)	94		71 - 126		05/15/13 01:00	1
4-Bromofluorobenzene (Surr)	107		73 - 120		05/15/13 01:00	1

Lab Sample ID: LCS 480-118586/4

Matrix: Water

Analysis Batch: 118586

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike	LCS			%Rec.		
	Added	Result	Qualifier	Unit	D	%Rec	Limits
1,1,1-Trichloroethane	25.0	26.6		ug/L	106	73 - 126	
1,1,2,2-Tetrachloroethane	25.0	24.9		ug/L	100	70 - 126	
1,1,2-Trichloroethane	25.0	25.7		ug/L	103	76 - 122	

TestAmerica Buffalo

QC Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-37860-1
SDG: 480-37860

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-118586/4

Matrix: Water

Analysis Batch: 118586

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS		Unit	D	%Rec	%Rec.
		Result	Qualifier				
1,1-Dichloroethane	25.0	25.5		ug/L		102	71 - 129
1,1-Dichloroethene	25.0	26.2		ug/L		105	58 - 121
1,2-Dichloroethane	25.0	23.7		ug/L		95	75 - 127
1,2-Dichloropropane	25.0	25.4		ug/L		102	76 - 120
2-Hexanone	125	110		ug/L		88	65 - 127
2-Butanone (MEK)	125	155		ug/L		124	57 - 140
4-Methyl-2-pentanone (MIBK)	125	110		ug/L		88	71 - 125
Acetone	125	112		ug/L		90	56 - 142
Benzene	25.0	26.4		ug/L		106	71 - 124
Bromodichloromethane	25.0	26.2		ug/L		105	80 - 122
Bromoform	25.0	25.9		ug/L		104	66 - 128
Bromomethane	25.0	23.8		ug/L		95	55 - 144
Carbon disulfide	25.0	27.6		ug/L		111	59 - 134
Carbon tetrachloride	25.0	28.0		ug/L		112	72 - 134
Chlorobenzene	25.0	26.5		ug/L		106	72 - 120
Dibromochloromethane	25.0	27.4		ug/L		110	75 - 125
Chloroethane	25.0	24.9		ug/L		100	69 - 136
Chloroform	25.0	25.5		ug/L		102	73 - 127
Chloromethane	25.0	20.9		ug/L		83	68 - 124
cis-1,2-Dichloroethene	25.0	26.5		ug/L		106	74 - 124
cis-1,3-Dichloropropene	25.0	27.3		ug/L		109	74 - 124
Ethylbenzene	25.0	26.1		ug/L		104	77 - 123
Methylene Chloride	25.0	24.9		ug/L		100	57 - 132
Styrene	25.0	26.8		ug/L		107	70 - 130
Tetrachloroethene	25.0	28.7		ug/L		115	74 - 122
Toluene	25.0	26.5		ug/L		106	80 - 122
trans-1,2-Dichloroethene	25.0	26.7		ug/L		107	73 - 127
trans-1,3-Dichloropropene	25.0	26.7		ug/L		107	72 - 123
Trichloroethene	25.0	25.5		ug/L		102	74 - 123
Vinyl chloride	25.0	22.5		ug/L		90	65 - 133
Xylenes, Total	75.0	79.8		ug/L		106	76 - 122

Surrogate	LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	93		66 - 137
Toluene-d8 (Surr)	97		71 - 126
4-Bromofluorobenzene (Surr)	106		73 - 120

Lab Sample ID: MB 480-118862/6

Matrix: Water

Analysis Batch: 118862

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			05/15/13 22:05	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/15/13 22:05	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/15/13 22:05	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			05/15/13 22:05	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			05/15/13 22:05	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/15/13 22:05	1

TestAmerica Buffalo

QC Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-37860-1
SDG: 480-37860

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-118862/6

Matrix: Water

Analysis Batch: 118862

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier									
1,2-Dichloropropane	ND				1.0	0.72	ug/L			05/15/13 22:05	1
2-Hexanone	ND				5.0	1.2	ug/L			05/15/13 22:05	1
2-Butanone (MEK)	ND				10	1.3	ug/L			05/15/13 22:05	1
4-Methyl-2-pentanone (MIBK)	ND				5.0	2.1	ug/L			05/15/13 22:05	1
Acetone	ND				10	3.0	ug/L			05/15/13 22:05	1
Benzene	ND				1.0	0.41	ug/L			05/15/13 22:05	1
Bromodichloromethane	ND				1.0	0.39	ug/L			05/15/13 22:05	1
Bromoform	ND				1.0	0.26	ug/L			05/15/13 22:05	1
Bromomethane	ND				1.0	0.69	ug/L			05/15/13 22:05	1
Carbon disulfide	ND				1.0	0.19	ug/L			05/15/13 22:05	1
Carbon tetrachloride	ND				1.0	0.27	ug/L			05/15/13 22:05	1
Chlorobenzene	ND				1.0	0.75	ug/L			05/15/13 22:05	1
Dibromochloromethane	ND				1.0	0.32	ug/L			05/15/13 22:05	1
Chloroethane	ND				1.0	0.32	ug/L			05/15/13 22:05	1
Chloroform	ND				1.0	0.34	ug/L			05/15/13 22:05	1
Chloromethane	ND				1.0	0.35	ug/L			05/15/13 22:05	1
cis-1,2-Dichloroethene	ND				1.0	0.81	ug/L			05/15/13 22:05	1
cis-1,3-Dichloropropene	ND				1.0	0.36	ug/L			05/15/13 22:05	1
Ethylbenzene	ND				1.0	0.74	ug/L			05/15/13 22:05	1
Methylene Chloride	ND				1.0	0.44	ug/L			05/15/13 22:05	1
Styrene	ND				1.0	0.73	ug/L			05/15/13 22:05	1
Tetrachloroethene	ND				1.0	0.36	ug/L			05/15/13 22:05	1
Toluene	ND				1.0	0.51	ug/L			05/15/13 22:05	1
trans-1,2-Dichloroethene	ND				1.0	0.90	ug/L			05/15/13 22:05	1
trans-1,3-Dichloropropene	ND				1.0	0.37	ug/L			05/15/13 22:05	1
Trichloroethene	ND				1.0	0.46	ug/L			05/15/13 22:05	1
Vinyl chloride	ND				1.0	0.90	ug/L			05/15/13 22:05	1
Xylenes, Total	ND				2.0	0.66	ug/L			05/15/13 22:05	1

Surrogate	MB	MB	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
1,2-Dichloroethane-d4 (Surr)	111		111		66 - 137			1
Toluene-d8 (Surr)	101		101		71 - 126			1
4-Bromofluorobenzene (Surr)	105		105		73 - 120			1

Lab Sample ID: LCS 480-118862/5

Matrix: Water

Analysis Batch: 118862

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	MB	LCS	LCS	Unit	D	%Rec	Limits	Prepared	Analyzed	Dil Fac
		Result	Qualifier	Unit							
1,1,1-Trichloroethane	25.0	25.9		ug/L		103		73 - 126			
1,1,2,2-Tetrachloroethane	25.0	22.7		ug/L		91		70 - 126			
1,1,2-Trichloroethane	25.0	23.3		ug/L		93		76 - 122			
1,1-Dichloroethane	25.0	23.5		ug/L		94		71 - 129			
1,1-Dichloroethene	25.0	22.6		ug/L		90		58 - 121			
1,2-Dichloroethane	25.0	25.1		ug/L		100		75 - 127			
1,2-Dichloropropane	25.0	22.8		ug/L		91		76 - 120			
2-Hexanone	125	129		ug/L		104		65 - 127			
2-Butanone (MEK)	125	117		ug/L		94		57 - 140			

TestAmerica Buffalo

QC Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE IRM Project

TestAmerica Job ID: 480-37860-1
 SDG: 480-37860

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-118862/5

Matrix: Water

Analysis Batch: 118862

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS		Unit	D	%Rec	%Rec.
		Result	Qualifier				
4-Methyl-2-pentanone (MIBK)	125	119		ug/L		95	71 - 125
Acetone	125	118		ug/L		95	56 - 142
Benzene	25.0	22.9		ug/L		92	71 - 124
Bromodichloromethane	25.0	26.0		ug/L		104	80 - 122
Bromoform	25.0	19.9		ug/L		80	66 - 128
Bromomethane	25.0	21.9		ug/L		88	55 - 144
Carbon disulfide	25.0	22.1		ug/L		88	59 - 134
Carbon tetrachloride	25.0	27.2		ug/L		109	72 - 134
Chlorobenzene	25.0	24.0		ug/L		96	72 - 120
Dibromochloromethane	25.0	22.5		ug/L		90	75 - 125
Chloroethane	25.0	21.5		ug/L		86	69 - 136
Chloroform	25.0	24.7		ug/L		99	73 - 127
Chloromethane	25.0	17.1		ug/L		68	68 - 124
cis-1,2-Dichloroethene	25.0	24.1		ug/L		96	74 - 124
cis-1,3-Dichloropropene	25.0	23.6		ug/L		94	74 - 124
Ethylbenzene	25.0	23.8		ug/L		95	77 - 123
Methylene Chloride	25.0	24.6		ug/L		98	57 - 132
Styrene	25.0	24.2		ug/L		97	70 - 130
Tetrachloroethene	25.0	23.3		ug/L		93	74 - 122
Toluene	25.0	22.8		ug/L		91	80 - 122
trans-1,2-Dichloroethene	25.0	23.5		ug/L		94	73 - 127
trans-1,3-Dichloropropene	25.0	23.2		ug/L		93	72 - 123
Trichloroethene	25.0	23.9		ug/L		96	74 - 123
Vinyl chloride	25.0	18.7		ug/L		75	65 - 133
Xylenes, Total	75.0	70.5		ug/L		94	76 - 122

Surrogate	LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	113		66 - 137
Toluene-d8 (Surr)	104		71 - 126
4-Bromofluorobenzene (Surr)	106		73 - 120

Lab Sample ID: MB 480-118915/5

Matrix: Water

Analysis Batch: 118915

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			05/16/13 11:42	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/16/13 11:42	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/16/13 11:42	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			05/16/13 11:42	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			05/16/13 11:42	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/16/13 11:42	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/16/13 11:42	1
2-Hexanone	ND		5.0	1.2	ug/L			05/16/13 11:42	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/16/13 11:42	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/16/13 11:42	1
Acetone	ND		10	3.0	ug/L			05/16/13 11:42	1
Benzene	ND		1.0	0.41	ug/L			05/16/13 11:42	1

TestAmerica Buffalo

QC Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-37860-1
SDG: 480-37860

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-118915/5

Matrix: Water

Analysis Batch: 118915

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	ND	ND									
Bromodichloromethane	ND	ND			1.0	0.39	ug/L			05/16/13 11:42	1
Bromoform	ND	ND			1.0	0.26	ug/L			05/16/13 11:42	1
Bromomethane	ND	ND			1.0	0.69	ug/L			05/16/13 11:42	1
Carbon disulfide	ND	ND			1.0	0.19	ug/L			05/16/13 11:42	1
Carbon tetrachloride	ND	ND			1.0	0.27	ug/L			05/16/13 11:42	1
Chlorobenzene	ND	ND			1.0	0.75	ug/L			05/16/13 11:42	1
Dibromochloromethane	ND	ND			1.0	0.32	ug/L			05/16/13 11:42	1
Chloroethane	ND	ND			1.0	0.32	ug/L			05/16/13 11:42	1
Chloroform	ND	ND			1.0	0.34	ug/L			05/16/13 11:42	1
Chloromethane	ND	ND			1.0	0.35	ug/L			05/16/13 11:42	1
cis-1,2-Dichloroethene	ND	ND			1.0	0.81	ug/L			05/16/13 11:42	1
cis-1,3-Dichloropropene	ND	ND			1.0	0.36	ug/L			05/16/13 11:42	1
Ethylbenzene	ND	ND			1.0	0.74	ug/L			05/16/13 11:42	1
Methylene Chloride	ND	ND			1.0	0.44	ug/L			05/16/13 11:42	1
Styrene	ND	ND			1.0	0.73	ug/L			05/16/13 11:42	1
Tetrachloroethene	ND	ND			1.0	0.36	ug/L			05/16/13 11:42	1
Toluene	ND	ND			1.0	0.51	ug/L			05/16/13 11:42	1
trans-1,2-Dichloroethene	ND	ND			1.0	0.90	ug/L			05/16/13 11:42	1
trans-1,3-Dichloropropene	ND	ND			1.0	0.37	ug/L			05/16/13 11:42	1
Trichloroethene	ND	ND			1.0	0.46	ug/L			05/16/13 11:42	1
Vinyl chloride	ND	ND			1.0	0.90	ug/L			05/16/13 11:42	1
Xylenes, Total	ND	ND			2.0	0.66	ug/L			05/16/13 11:42	1

Surrogate	MB	MB	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
	115	66 - 137						
1,2-Dichloroethane-d4 (Surr)	101	71 - 126					05/16/13 11:42	1
Toluene-d8 (Surr)	105	73 - 120					05/16/13 11:42	1

Lab Sample ID: LCS 480-118915/4

Matrix: Water

Analysis Batch: 118915

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike	LCS	LCS	Result	Qualifier	Unit	D	%Rec	Limits
	Added	Result	Qualifier						
1,1,1-Trichloroethane	25.0	26.9				ug/L		108	73 - 126
1,1,2,2-Tetrachloroethane	25.0	24.8				ug/L		99	70 - 126
1,1,2-Trichloroethane	25.0	24.8				ug/L		99	76 - 122
1,1-Dichloroethane	25.0	24.4				ug/L		98	71 - 129
1,1-Dichloroethene	25.0	22.4				ug/L		90	58 - 121
1,2-Dichloroethane	25.0	25.7				ug/L		103	75 - 127
1,2-Dichloropropane	25.0	23.4				ug/L		94	76 - 120
2-Hexanone	125	130				ug/L		104	65 - 127
2-Butanone (MEK)	125	118				ug/L		94	57 - 140
4-Methyl-2-pentanone (MIBK)	125	117				ug/L		93	71 - 125
Acetone	125	118				ug/L		94	56 - 142
Benzene	25.0	23.4				ug/L		93	71 - 124
Bromodichloromethane	25.0	28.0				ug/L		112	80 - 122
Bromoform	25.0	23.3				ug/L		93	66 - 128
Bromomethane	25.0	22.6				ug/L		90	55 - 144

TestAmerica Buffalo

QC Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE IRM Project

TestAmerica Job ID: 480-37860-1
 SDG: 480-37860

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-118915/4

Matrix: Water

Analysis Batch: 118915

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS		Unit	D	%Rec	%Rec.
		Result	Qualifier				
Carbon disulfide	25.0	19.8		ug/L	79	59 - 134	
Carbon tetrachloride	25.0	28.1		ug/L	112	72 - 134	
Chlorobenzene	25.0	24.5		ug/L	98	72 - 120	
Dibromochloromethane	25.0	24.6		ug/L	98	75 - 125	
Chloroethane	25.0	22.5		ug/L	90	69 - 136	
Chloroform	25.0	25.4		ug/L	101	73 - 127	
Chloromethane	25.0	20.1		ug/L	80	68 - 124	
cis-1,2-Dichloroethene	25.0	24.5		ug/L	98	74 - 124	
cis-1,3-Dichloropropene	25.0	25.3		ug/L	101	74 - 124	
Ethylbenzene	25.0	24.3		ug/L	97	77 - 123	
Methylene Chloride	25.0	25.0		ug/L	100	57 - 132	
Styrene	25.0	25.4		ug/L	102	70 - 130	
Tetrachloroethene	25.0	23.3		ug/L	93	74 - 122	
Toluene	25.0	23.5		ug/L	94	80 - 122	
trans-1,2-Dichloroethene	25.0	24.0		ug/L	96	73 - 127	
trans-1,3-Dichloropropene	25.0	25.3		ug/L	101	72 - 123	
Trichloroethene	25.0	25.0		ug/L	100	74 - 123	
Vinyl chloride	25.0	19.8		ug/L	79	65 - 133	
Xylenes, Total	75.0	72.4		ug/L	97	76 - 122	

LCS LCS

Surrogate	%Recovery	LCS	
		Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	111		66 - 137
Toluene-d8 (Surr)	103		71 - 126
4-Bromofluorobenzene (Surr)	103		73 - 120

Lab Sample ID: 480-37860-16 MS

Matrix: Water

Analysis Batch: 118915

Client Sample ID: AF-11D 050713

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS		Unit	D	%Rec	%Rec.
				Result	Qualifier				
1,1,1-Trichloroethane	ND		25.0	30.3		ug/L		121	73 - 126
1,1,2,2-Tetrachloroethane	ND		25.0	24.3		ug/L		97	70 - 126
1,1,2-Trichloroethane	ND		25.0	25.6		ug/L		102	76 - 122
1,1-Dichloroethane	ND		25.0	27.2		ug/L		109	71 - 129
1,1-Dichloroethene	ND		25.0	26.1		ug/L		104	58 - 121
1,2-Dichloroethane	ND		25.0	27.7		ug/L		111	75 - 127
1,2-Dichloropropane	ND		25.0	25.6		ug/L		103	76 - 120
2-Hexanone	ND		125	126		ug/L		101	65 - 127
2-Butanone (MEK)	ND		125	113		ug/L		90	57 - 140
4-Methyl-2-pentanone (MIBK)	ND		125	117		ug/L		93	71 - 125
Acetone	ND		125	108		ug/L		86	56 - 142
Benzene	ND		25.0	25.8		ug/L		103	71 - 124
Bromodichloromethane	ND		25.0	29.2		ug/L		117	80 - 122
Bromoform	ND		25.0	22.8		ug/L		91	66 - 128
Bromomethane	ND		25.0	26.8		ug/L		107	55 - 144
Carbon disulfide	ND		25.0	22.4		ug/L		90	59 - 134
Carbon tetrachloride	ND		25.0	32.5		ug/L		130	72 - 134
Chlorobenzene	ND		25.0	26.7		ug/L		107	72 - 120

TestAmerica Buffalo

QC Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE IRM Project

TestAmerica Job ID: 480-37860-1
 SDG: 480-37860

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-37860-16 MS

Matrix: Water

Analysis Batch: 118915

Client Sample ID: AF-11D 050713
Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Limits
	Result	Qualifier	Added	Result	Qualifier				
Dibromochloromethane	ND		25.0	25.3		ug/L		101	75 - 125
Chloroethane	0.51	J	25.0	25.5		ug/L		100	69 - 136
Chloroform	ND		25.0	27.6		ug/L		110	73 - 127
Chloromethane	ND		25.0	23.6		ug/L		94	68 - 124
cis-1,2-Dichloroethene	ND		25.0	27.3		ug/L		109	74 - 124
cis-1,3-Dichloropropene	ND		25.0	25.6		ug/L		102	74 - 124
Ethylbenzene	ND		25.0	27.2		ug/L		109	77 - 123
Methylene Chloride	ND		25.0	26.8		ug/L		107	57 - 132
Styrene	ND		25.0	27.4		ug/L		110	70 - 130
Tetrachloroethene	ND		25.0	26.9		ug/L		108	74 - 122
Toluene	ND		25.0	25.9		ug/L		104	80 - 122
trans-1,2-Dichloroethene	ND		25.0	27.1		ug/L		108	73 - 127
trans-1,3-Dichloropropene	ND		25.0	25.9		ug/L		104	72 - 123
Trichloroethene	ND		25.0	27.3		ug/L		109	74 - 123
Vinyl chloride	1.4		25.0	26.7		ug/L		101	65 - 133
Xylenes, Total	ND		75.0	79.7		ug/L		106	76 - 122
<hr/>									
Surrogate		MS	MS						
		%Recovery	Qualifier			Limits			
1,2-Dichloroethane-d4 (Surr)		112		66 - 137					
Toluene-d8 (Surr)		105		71 - 126					
4-Bromofluorobenzene (Surr)		106		73 - 120					

Lab Sample ID: 480-37860-16 MSD

Matrix: Water

Analysis Batch: 118915

Client Sample ID: AF-11D 050713
Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
1,1,1-Trichloroethane	ND		25.0	31.2		ug/L		125	73 - 126	3	15
1,1,2,2-Tetrachloroethane	ND		25.0	24.4		ug/L		97	70 - 126	0	15
1,1,2-Trichloroethane	ND		25.0	25.0		ug/L		100	76 - 122	2	15
1,1-Dichloroethane	ND		25.0	26.9		ug/L		108	71 - 129	1	20
1,1-Dichloroethene	ND		25.0	26.4		ug/L		106	58 - 121	1	16
1,2-Dichloroethane	ND		25.0	27.4		ug/L		110	75 - 127	1	20
1,2-Dichloropropane	ND		25.0	25.2		ug/L		101	76 - 120	2	20
2-Hexanone	ND		125	121		ug/L		97	65 - 127	4	15
2-Butanone (MEK)	ND		125	110		ug/L		88	57 - 140	3	20
4-Methyl-2-pentanone (MIBK)	ND		125	113		ug/L		90	71 - 125	3	35
Acetone	ND		125	104		ug/L		83	56 - 142	3	15
Benzene	ND		25.0	25.9		ug/L		104	71 - 124	1	13
Bromodichloromethane	ND		25.0	29.0		ug/L		116	80 - 122	1	15
Bromoform	ND		25.0	21.7		ug/L		87	66 - 128	5	15
Bromomethane	ND		25.0	26.0		ug/L		104	55 - 144	3	15
Carbon disulfide	ND		25.0	22.1		ug/L		88	59 - 134	2	15
Carbon tetrachloride	ND		25.0	32.7		ug/L		131	72 - 134	1	15
Chlorobenzene	ND		25.0	26.5		ug/L		106	72 - 120	1	25
Dibromochloromethane	ND		25.0	24.6		ug/L		98	75 - 125	3	15
Chloroethane	0.51	J	25.0	26.2		ug/L		103	69 - 136	3	15
Chloroform	ND		25.0	27.4		ug/L		110	73 - 127	1	20

TestAmerica Buffalo

QC Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-37860-1
SDG: 480-37860

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-37860-16 MSD

Matrix: Water

Analysis Batch: 118915

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	Limits	RPD	RPD Limit
	Result	Qualifier	Added	Result	Qualifier						
Chloromethane	ND		25.0	22.9		ug/L	92	68 - 124	3	15	
cis-1,2-Dichloroethene	ND		25.0	27.4		ug/L	109	74 - 124	0	15	
cis-1,3-Dichloropropene	ND		25.0	25.7		ug/L	103	74 - 124	0	15	
Ethylbenzene	ND		25.0	27.2		ug/L	109	77 - 123	0	15	
Methylene Chloride	ND		25.0	26.7		ug/L	107	57 - 132	0	15	
Styrene	ND		25.0	27.0		ug/L	108	70 - 130	2	20	
Tetrachloroethene	ND		25.0	26.9		ug/L	108	74 - 122	0	20	
Toluene	ND		25.0	25.7		ug/L	103	80 - 122	1	15	
trans-1,2-Dichloroethene	ND		25.0	27.3		ug/L	109	73 - 127	1	20	
trans-1,3-Dichloropropene	ND		25.0	25.6		ug/L	103	72 - 123	1	15	
Trichloroethene	ND		25.0	27.2		ug/L	109	74 - 123	0	16	
Vinyl chloride	1.4		25.0	26.2		ug/L	99	65 - 133	2	15	
Xylenes, Total	ND		75.0	79.4		ug/L	106	76 - 122	0	16	

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	112		66 - 137
Toluene-d8 (Surr)	103		71 - 126
4-Bromofluorobenzene (Surr)	104		73 - 120

Lab Sample ID: MB 480-119160/6

Matrix: Water

Analysis Batch: 119160

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			05/17/13 10:44	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/17/13 10:44	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/17/13 10:44	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			05/17/13 10:44	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			05/17/13 10:44	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/17/13 10:44	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/17/13 10:44	1
2-Hexanone	ND		5.0	1.2	ug/L			05/17/13 10:44	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/17/13 10:44	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/17/13 10:44	1
Acetone	ND		10	3.0	ug/L			05/17/13 10:44	1
Benzene	ND		1.0	0.41	ug/L			05/17/13 10:44	1
Bromodichloromethane	ND		1.0	0.39	ug/L			05/17/13 10:44	1
Bromoform	ND		1.0	0.26	ug/L			05/17/13 10:44	1
Bromomethane	ND		1.0	0.69	ug/L			05/17/13 10:44	1
Carbon disulfide	ND		1.0	0.19	ug/L			05/17/13 10:44	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/17/13 10:44	1
Chlorobenzene	ND		1.0	0.75	ug/L			05/17/13 10:44	1
Dibromochloromethane	ND		1.0	0.32	ug/L			05/17/13 10:44	1
Chloroethane	ND		1.0	0.32	ug/L			05/17/13 10:44	1
Chloroform	ND		1.0	0.34	ug/L			05/17/13 10:44	1
Chloromethane	ND		1.0	0.35	ug/L			05/17/13 10:44	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			05/17/13 10:44	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			05/17/13 10:44	1

TestAmerica Buffalo

QC Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE IRM Project

TestAmerica Job ID: 480-37860-1
 SDG: 480-37860

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-119160/6

Matrix: Water

Analysis Batch: 119160

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier									
Ethylbenzene	ND				1.0	0.74	ug/L			05/17/13 10:44	1
Methylene Chloride	ND				1.0	0.44	ug/L			05/17/13 10:44	1
Styrene	ND				1.0	0.73	ug/L			05/17/13 10:44	1
Tetrachloroethene	ND				1.0	0.36	ug/L			05/17/13 10:44	1
Toluene	ND				1.0	0.51	ug/L			05/17/13 10:44	1
trans-1,2-Dichloroethene	ND				1.0	0.90	ug/L			05/17/13 10:44	1
trans-1,3-Dichloropropene	ND				1.0	0.37	ug/L			05/17/13 10:44	1
Trichloroethene	ND				1.0	0.46	ug/L			05/17/13 10:44	1
Vinyl chloride	ND				1.0	0.90	ug/L			05/17/13 10:44	1
Xylenes, Total	ND				2.0	0.66	ug/L			05/17/13 10:44	1

Surrogate	MB	MB	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
1,2-Dichloroethane-d4 (Surr)	118		66 - 137				05/17/13 10:44	1
Toluene-d8 (Surr)	101		71 - 126				05/17/13 10:44	1
4-Bromofluorobenzene (Surr)	107		73 - 120				05/17/13 10:44	1

Lab Sample ID: LCS 480-119160/5

Matrix: Water

Analysis Batch: 119160

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike	LCS	LCS	Result	Qualifier	Unit	D	%Rec	Limits	%Rec.
	Added	Result	Qualifier							
1,1,1-Trichloroethane	25.0	28.3				ug/L		113	73 - 126	
1,1,2,2-Tetrachloroethane	25.0	24.7				ug/L		99	70 - 126	
1,1,2-Trichloroethane	25.0	23.7				ug/L		95	76 - 122	
1,1-Dichloroethane	25.0	24.7				ug/L		99	71 - 129	
1,1-Dichloroethene	25.0	23.3				ug/L		93	58 - 121	
1,2-Dichloroethane	25.0	26.6				ug/L		106	75 - 127	
1,2-Dichloropropane	25.0	23.1				ug/L		92	76 - 120	
2-Hexanone	125	123				ug/L		98	65 - 127	
2-Butanone (MEK)	125	112				ug/L		90	57 - 140	
4-Methyl-2-pentanone (MIBK)	125	114				ug/L		91	71 - 125	
Acetone	125	113				ug/L		91	56 - 142	
Benzene	25.0	23.4				ug/L		94	71 - 124	
Bromodichloromethane	25.0	28.0				ug/L		112	80 - 122	
Bromoform	25.0	23.5				ug/L		94	66 - 128	
Bromomethane	25.0	24.5				ug/L		98	55 - 144	
Carbon disulfide	25.0	18.8				ug/L		75	59 - 134	
Carbon tetrachloride	25.0	29.2				ug/L		117	72 - 134	
Chlorobenzene	25.0	24.4				ug/L		98	72 - 120	
Dibromochloromethane	25.0	24.6				ug/L		98	75 - 125	
Chloroethane	25.0	23.4				ug/L		94	69 - 136	
Chloroform	25.0	26.3				ug/L		105	73 - 127	
Chloromethane	25.0	19.5				ug/L		78	68 - 124	
cis-1,2-Dichloroethene	25.0	24.7				ug/L		99	74 - 124	
cis-1,3-Dichloropropene	25.0	24.9				ug/L		99	74 - 124	
Ethylbenzene	25.0	24.6				ug/L		99	77 - 123	
Methylene Chloride	25.0	25.1				ug/L		100	57 - 132	
Styrene	25.0	25.0				ug/L		100	70 - 130	

TestAmerica Buffalo

QC Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE IRM Project

TestAmerica Job ID: 480-37860-1
 SDG: 480-37860

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-119160/5

Matrix: Water

Analysis Batch: 119160

Analyte	Spike Added	LCS		Unit	D	%Rec	%Rec.
		Result	Qualifier				
Tetrachloroethene	25.0	23.9		ug/L		96	74 - 122
Toluene	25.0	23.7		ug/L		95	80 - 122
trans-1,2-Dichloroethene	25.0	24.5		ug/L		98	73 - 127
trans-1,3-Dichloropropene	25.0	24.3		ug/L		97	72 - 123
Trichloroethene	25.0	25.2		ug/L		101	74 - 123
Vinyl chloride	25.0	20.3		ug/L		81	65 - 133
Xylenes, Total	75.0	72.0		ug/L		96	76 - 122
Surrogate		LCS	LCS				
		%Recovery	Qualifier	Limits			
1,2-Dichloroethane-d4 (Surr)	112			66 - 137			
Toluene-d8 (Surr)	103			71 - 126			
4-Bromofluorobenzene (Surr)	106			73 - 120			

Lab Sample ID: MB 480-119666/6

Matrix: Water

Analysis Batch: 119666

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			05/20/13 22:20	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/20/13 22:20	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/20/13 22:20	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			05/20/13 22:20	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			05/20/13 22:20	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/20/13 22:20	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/20/13 22:20	1
2-Hexanone	ND		5.0	1.2	ug/L			05/20/13 22:20	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/20/13 22:20	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/20/13 22:20	1
Acetone	ND		10	3.0	ug/L			05/20/13 22:20	1
Benzene	ND		1.0	0.41	ug/L			05/20/13 22:20	1
Bromodichloromethane	ND		1.0	0.39	ug/L			05/20/13 22:20	1
Bromoform	ND		1.0	0.26	ug/L			05/20/13 22:20	1
Bromomethane	ND		1.0	0.69	ug/L			05/20/13 22:20	1
Carbon disulfide	ND		1.0	0.19	ug/L			05/20/13 22:20	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/20/13 22:20	1
Chlorobenzene	ND		1.0	0.75	ug/L			05/20/13 22:20	1
Dibromochloromethane	ND		1.0	0.32	ug/L			05/20/13 22:20	1
Chloroethane	ND		1.0	0.32	ug/L			05/20/13 22:20	1
Chloroform	ND		1.0	0.34	ug/L			05/20/13 22:20	1
Chloromethane	ND		1.0	0.35	ug/L			05/20/13 22:20	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			05/20/13 22:20	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			05/20/13 22:20	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/20/13 22:20	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/20/13 22:20	1
Styrene	ND		1.0	0.73	ug/L			05/20/13 22:20	1
Tetrachloroethene	ND		1.0	0.36	ug/L			05/20/13 22:20	1
Toluene	ND		1.0	0.51	ug/L			05/20/13 22:20	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			05/20/13 22:20	1

TestAmerica Buffalo

QC Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE IRM Project

TestAmerica Job ID: 480-37860-1
 SDG: 480-37860

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-119666/6

Matrix: Water

Analysis Batch: 119666

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			05/20/13 22:20	1
Trichloroethene	ND		1.0	0.46	ug/L			05/20/13 22:20	1
Vinyl chloride	ND		1.0	0.90	ug/L			05/20/13 22:20	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/20/13 22:20	1

MB MB

Surrogate	MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	106		66 - 137		05/20/13 22:20	1
Toluene-d8 (Surr)	104		71 - 126		05/20/13 22:20	1
4-Bromofluorobenzene (Surr)	103		73 - 120		05/20/13 22:20	1

Lab Sample ID: LCS 480-119666/5

Matrix: Water

Analysis Batch: 119666

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS		Unit	D	%Rec	Limits	%Rec.
		Result	Qualifier					
1,1,1-Trichloroethane	25.0	24.5		ug/L		98	73 - 126	
1,1,2,2-Tetrachloroethane	25.0	25.7		ug/L		103	70 - 126	
1,1,2-Trichloroethane	25.0	25.7		ug/L		103	76 - 122	
1,1-Dichloroethane	25.0	26.5		ug/L		106	71 - 129	
1,1-Dichloroethene	25.0	25.5		ug/L		102	58 - 121	
1,2-Dichloroethane	25.0	24.8		ug/L		99	75 - 127	
1,2-Dichloropropane	25.0	25.5		ug/L		102	76 - 120	
2-Hexanone	125	134		ug/L		107	65 - 127	
2-Butanone (MEK)	125	124		ug/L		99	57 - 140	
4-Methyl-2-pentanone (MIBK)	125	133		ug/L		106	71 - 125	
Acetone	125	129		ug/L		103	56 - 142	
Benzene	25.0	25.8		ug/L		103	71 - 124	
Bromodichloromethane	25.0	23.2		ug/L		93	80 - 122	
Bromoform	25.0	20.6		ug/L		82	66 - 128	
Bromomethane	25.0	25.7		ug/L		103	55 - 144	
Carbon disulfide	25.0	22.1		ug/L		88	59 - 134	
Carbon tetrachloride	25.0	28.1		ug/L		112	72 - 134	
Chlorobenzene	25.0	26.8		ug/L		107	72 - 120	
Dibromochloromethane	25.0	22.8		ug/L		91	75 - 125	
Chloroethane	25.0	24.7		ug/L		99	69 - 136	
Chloroform	25.0	26.1		ug/L		104	73 - 127	
Chloromethane	25.0	25.8		ug/L		103	68 - 124	
cis-1,2-Dichloroethene	25.0	25.9		ug/L		104	74 - 124	
cis-1,3-Dichloropropene	25.0	23.2		ug/L		93	74 - 124	
Ethylbenzene	25.0	27.0		ug/L		108	77 - 123	
Methylene Chloride	25.0	25.4		ug/L		102	57 - 132	
Styrene	25.0	27.2		ug/L		109	70 - 130	
Tetrachloroethene	25.0	25.9		ug/L		104	74 - 122	
Toluene	25.0	26.6		ug/L		107	80 - 122	
trans-1,2-Dichloroethene	25.0	27.1		ug/L		108	73 - 127	
trans-1,3-Dichloropropene	25.0	23.3		ug/L		93	72 - 123	
Trichloroethene	25.0	26.9		ug/L		107	74 - 123	
Vinyl chloride	25.0	25.1		ug/L		100	65 - 133	

TestAmerica Buffalo

QC Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE IRM Project

TestAmerica Job ID: 480-37860-1
 SDG: 480-37860

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-119666/5

Matrix: Water

Analysis Batch: 119666

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike		LCS Result	LCS Qualifier	Unit	D	%Rec.	
	Added	%Rec.					108	Limits
Xylenes, Total	75.0	81.1	ug/L		76 - 122			
Surrogate								
1,2-Dichloroethane-d4 (Surr)	100		66 - 137					
Toluene-d8 (Surr)	104		71 - 126					
4-Bromofluorobenzene (Surr)	100		73 - 120					

Lab Sample ID: LCSD 480-119666/7

Matrix: Water

Analysis Batch: 119666

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike		LCSD Result	LCSD Qualifier	Unit	D	%Rec.		RPD	Limit
	Added	%Rec.					ug/L	96		
1,1,1-Trichloroethane	25.0	24.1	ug/L		73 - 126			2	15	12
1,1,2,2-Tetrachloroethane	25.0	25.9	ug/L		70 - 126			1	15	
1,1,2-Trichloroethane	25.0	25.3	ug/L		76 - 122			1	15	13
1,1-Dichloroethane	25.0	26.1	ug/L		71 - 129			2	20	
1,1-Dichloroethene	25.0	24.9	ug/L		58 - 121			2	16	14
1,2-Dichloroethane	25.0	25.2	ug/L		75 - 127			2	20	
1,2-Dichloropropane	25.0	25.6	ug/L		76 - 120			0	20	
2-Hexanone	125	127	ug/L		65 - 127			5	15	
2-Butanone (MEK)	125	121	ug/L		57 - 140			2	20	
4-Methyl-2-pentanone (MIBK)	125	125	ug/L		71 - 125			6	35	
Acetone	125	127	ug/L		56 - 142			2	15	
Benzene	25.0	26.1	ug/L		71 - 124			1	13	
Bromodichloromethane	25.0	22.5	ug/L		80 - 122			3	15	
Bromoform	25.0	20.1	ug/L		66 - 128			3	15	
Bromomethane	25.0	25.1	ug/L		55 - 144			2	15	
Carbon disulfide	25.0	21.8	ug/L		59 - 134			1	15	
Carbon tetrachloride	25.0	27.1	ug/L		72 - 134			4	15	
Chlorobenzene	25.0	25.9	ug/L		72 - 120			3	25	
Dibromochloromethane	25.0	21.6	ug/L		75 - 125			5	15	
Chloroethane	25.0	24.7	ug/L		69 - 136			0	15	
Chloroform	25.0	25.6	ug/L		73 - 127			2	20	
Chloromethane	25.0	25.3	ug/L		68 - 124			2	15	
cis-1,2-Dichloroethene	25.0	25.6	ug/L		74 - 124			1	15	
cis-1,3-Dichloropropene	25.0	22.8	ug/L		74 - 124			2	15	
Ethylbenzene	25.0	26.2	ug/L		77 - 123			3	15	
Methylene Chloride	25.0	25.8	ug/L		57 - 132			2	15	
Styrene	25.0	26.5	ug/L		70 - 130			3	20	
Tetrachloroethene	25.0	25.1	ug/L		74 - 122			3	20	
Toluene	25.0	25.6	ug/L		80 - 122			4	15	
trans-1,2-Dichloroethene	25.0	27.2	ug/L		73 - 127			1	20	
trans-1,3-Dichloropropene	25.0	22.7	ug/L		72 - 123			2	15	
Trichloroethene	25.0	26.5	ug/L		74 - 123			1	16	
Vinyl chloride	25.0	24.5	ug/L		65 - 133			2	15	
Xylenes, Total	75.0	79.9	ug/L		76 - 122			1	16	

QC Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-37860-1
SDG: 480-37860

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 480-119666/7

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Matrix: Water

Analysis Batch: 119666

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	103		66 - 137
Toluene-d8 (Surr)	104		71 - 126
4-Bromofluorobenzene (Surr)	105		73 - 120

QC Association Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-37860-1
SDG: 480-37860

GC/MS VOA

Analysis Batch: 118586

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-37860-1	Trip Blank 050713	Total/NA	Water	8260B	
480-37860-2	PMW-3P 050713	Total/NA	Water	8260B	
480-37860-9	AF-4P 050713	Total/NA	Water	8260B	
480-37860-10	AF-4S 050713	Total/NA	Water	8260B	
480-37860-11	PMW-2D 050713	Total/NA	Water	8260B	
480-37860-12	AF-6S 050713	Total/NA	Water	8260B	
480-37860-16	AF-11D 050713	Total/NA	Water	8260B	
LCS 480-118586/4	Lab Control Sample	Total/NA	Water	8260B	
MB 480-118586/7	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 118862

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-37860-3	PMW-3S 050713	Total/NA	Water	8260B	
480-37860-4	PMW-3D 050713	Total/NA	Water	8260B	
480-37860-5	OSMW-10P 050713	Total/NA	Water	8260B	
480-37860-6	OSMW-10S 050713	Total/NA	Water	8260B	
480-37860-8	TMW-1P 050713	Total/NA	Water	8260B	
480-37860-13	AF-19S 050713	Total/NA	Water	8260B	
480-37860-14	AF-19D 050713	Total/NA	Water	8260B	
480-37860-15	AF-11S 050713	Total/NA	Water	8260B	
LCS 480-118862/5	Lab Control Sample	Total/NA	Water	8260B	
MB 480-118862/6	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 118915

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-37860-5 - DL	OSMW-10P 050713	Total/NA	Water	8260B	
480-37860-16 MS	AF-11D 050713	Total/NA	Water	8260B	
480-37860-16 MSD	AF-11D 050713	Total/NA	Water	8260B	
480-37860-18	PMW-4D 050713	Total/NA	Water	8260B	
480-37860-19	AF-13P 050713	Total/NA	Water	8260B	
480-37860-20	AF-13S 050713	Total/NA	Water	8260B	
480-37860-22	OSMW-9D 050713	Total/NA	Water	8260B	
480-37860-23	OSMW-12P 050713	Total/NA	Water	8260B	
480-37860-24	OSMW-11P 050713	Total/NA	Water	8260B	
480-37860-25	OSMW-11S 050713	Total/NA	Water	8260B	
480-37860-26	OSMW-11D 050713	Total/NA	Water	8260B	
480-37860-27	OSMW-13P 050713	Total/NA	Water	8260B	
LCS 480-118915/4	Lab Control Sample	Total/NA	Water	8260B	
MB 480-118915/5	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 119160

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-37860-17	ADW-100 050713	Total/NA	Water	8260B	
480-37860-21	OSMW-9S 050713	Total/NA	Water	8260B	
LCS 480-119160/5	Lab Control Sample	Total/NA	Water	8260B	
MB 480-119160/6	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 119666

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-37860-7	OSMW-10D 050713	Total/NA	Water	8260B	
LCS 480-119666/5	Lab Control Sample	Total/NA	Water	8260B	

TestAmerica Buffalo

QC Association Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-37860-1
SDG: 480-37860

GC/MS VOA (Continued)

Analysis Batch: 119666 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 480-119666/7	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 480-119666/6	Method Blank	Total/NA	Water	8260B	

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Lab Chronicle

Client: O'Brien & Gere Inc of North America
 Project/Site: GE IRM Project

TestAmerica Job ID: 480-37860-1
 SDG: 480-37860

Client Sample ID: Trip Blank 050713

Lab Sample ID: 480-37860-1
Matrix: Water

Date Collected: 05/07/13 00:00
 Date Received: 05/08/13 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	118586	05/15/13 03:51	NQN	TAL BUF

Client Sample ID: PMW-3P 050713

Lab Sample ID: 480-37860-2
Matrix: Water

Date Collected: 05/07/13 11:50
 Date Received: 05/08/13 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		5	118586	05/15/13 04:16	NQN	TAL BUF

Client Sample ID: PMW-3S 050713

Lab Sample ID: 480-37860-3
Matrix: Water

Date Collected: 05/07/13 11:55
 Date Received: 05/08/13 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	118862	05/16/13 04:15	NQN	TAL BUF

Client Sample ID: PMW-3D 050713

Lab Sample ID: 480-37860-4
Matrix: Water

Date Collected: 05/07/13 12:00
 Date Received: 05/08/13 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		2	118862	05/16/13 04:39	NQN	TAL BUF

Client Sample ID: OSMW-10P 050713

Lab Sample ID: 480-37860-5
Matrix: Water

Date Collected: 05/07/13 12:45
 Date Received: 05/08/13 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	118862	05/16/13 05:03	NQN	TAL BUF
Total/NA	Analysis	8260B	DL	4	118915	05/16/13 13:01	NQN	TAL BUF

Client Sample ID: OSMW-10S 050713

Lab Sample ID: 480-37860-6
Matrix: Water

Date Collected: 05/07/13 12:50
 Date Received: 05/08/13 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		2	118862	05/16/13 05:27	NQN	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: O'Brien & Gere Inc of North America
 Project/Site: GE IRM Project

TestAmerica Job ID: 480-37860-1
 SDG: 480-37860

Client Sample ID: OSMW-10D 050713

Lab Sample ID: 480-37860-7

Matrix: Water

Date Collected: 05/07/13 12:55
 Date Received: 05/08/13 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	119666	05/21/13 00:36	TRF	TAL BUF

Client Sample ID: TMW-1P 050713

Lab Sample ID: 480-37860-8

Matrix: Water

Date Collected: 05/07/13 13:25
 Date Received: 05/08/13 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		5	118862	05/16/13 06:15	NQN	TAL BUF

Client Sample ID: AF-4P 050713

Lab Sample ID: 480-37860-9

Matrix: Water

Date Collected: 05/07/13 13:40
 Date Received: 05/08/13 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		2	118586	05/15/13 07:14	NQN	TAL BUF

Client Sample ID: AF-4S 050713

Lab Sample ID: 480-37860-10

Matrix: Water

Date Collected: 05/07/13 13:45
 Date Received: 05/08/13 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	118586	05/15/13 07:38	NQN	TAL BUF

Client Sample ID: PMW-2D 050713

Lab Sample ID: 480-37860-11

Matrix: Water

Date Collected: 05/07/13 13:55
 Date Received: 05/08/13 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	118586	05/15/13 08:04	NQN	TAL BUF

Client Sample ID: AF-6S 050713

Lab Sample ID: 480-37860-12

Matrix: Water

Date Collected: 05/07/13 14:20
 Date Received: 05/08/13 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	118586	05/15/13 08:29	NQN	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: O'Brien & Gere Inc of North America
 Project/Site: GE IRM Project

TestAmerica Job ID: 480-37860-1
 SDG: 480-37860

Client Sample ID: AF-19S 050713

Date Collected: 05/07/13 14:35
 Date Received: 05/08/13 09:15

Lab Sample ID: 480-37860-13

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	118862	05/16/13 06:39	NQN	TAL BUF

Client Sample ID: AF-19D 050713

Date Collected: 05/07/13 14:40
 Date Received: 05/08/13 09:15

Lab Sample ID: 480-37860-14

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	118862	05/16/13 07:03	NQN	TAL BUF

Client Sample ID: AF-11S 050713

Date Collected: 05/07/13 15:20
 Date Received: 05/08/13 09:15

Lab Sample ID: 480-37860-15

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	118862	05/16/13 07:27	NQN	TAL BUF

Client Sample ID: AF-11D 050713

Date Collected: 05/07/13 15:25
 Date Received: 05/08/13 09:15

Lab Sample ID: 480-37860-16

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	118586	05/15/13 08:54	NQN	TAL BUF

Client Sample ID: ADW-100 050713

Date Collected: 05/07/13 00:00
 Date Received: 05/08/13 09:15

Lab Sample ID: 480-37860-17

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	119160	05/17/13 12:27	ND	TAL BUF

Client Sample ID: PMW-4D 050713

Date Collected: 05/07/13 15:50
 Date Received: 05/08/13 09:15

Lab Sample ID: 480-37860-18

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	118915	05/16/13 14:13	NQN	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: O'Brien & Gere Inc of North America
 Project/Site: GE IRM Project

TestAmerica Job ID: 480-37860-1
 SDG: 480-37860

Client Sample ID: AF-13P 050713

Date Collected: 05/07/13 16:05
 Date Received: 05/08/13 09:15

Lab Sample ID: 480-37860-19

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	118915	05/16/13 14:37	NQN	TAL BUF

Client Sample ID: AF-13S 050713

Date Collected: 05/07/13 16:10
 Date Received: 05/08/13 09:15

Lab Sample ID: 480-37860-20

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	118915	05/16/13 15:01	NQN	TAL BUF

Client Sample ID: OSMW-9S 050713

Date Collected: 05/07/13 17:00
 Date Received: 05/08/13 09:15

Lab Sample ID: 480-37860-21

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		2	119160	05/17/13 12:51	ND	TAL BUF

Client Sample ID: OSMW-9D 050713

Date Collected: 05/07/13 17:15
 Date Received: 05/08/13 09:15

Lab Sample ID: 480-37860-22

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	118915	05/16/13 15:49	NQN	TAL BUF

Client Sample ID: OSMW-12P 050713

Date Collected: 05/07/13 17:35
 Date Received: 05/08/13 09:15

Lab Sample ID: 480-37860-23

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	118915	05/16/13 16:13	NQN	TAL BUF

Client Sample ID: OSMW-11P 050713

Date Collected: 05/07/13 18:10
 Date Received: 05/08/13 09:15

Lab Sample ID: 480-37860-24

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	118915	05/16/13 16:37	NQN	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-37860-1
SDG: 480-37860

Client Sample ID: OSMW-11S 050713

Date Collected: 05/07/13 18:15
Date Received: 05/08/13 09:15

Lab Sample ID: 480-37860-25

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		4	118915	05/16/13 17:01	NQN	TAL BUF

Client Sample ID: OSMW-11D 050713

Date Collected: 05/07/13 18:20
Date Received: 05/08/13 09:15

Lab Sample ID: 480-37860-26

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		4	118915	05/16/13 17:25	NQN	TAL BUF

Client Sample ID: OSMW-13P 050713

Date Collected: 05/07/13 18:45
Date Received: 05/08/13 09:15

Lab Sample ID: 480-37860-27

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	118915	05/16/13 17:49	NQN	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Certification Summary

Client: O'Brien & Gere Inc of North America
 Project/Site: GE IRM Project

TestAmerica Job ID: 480-37860-1
 SDG: 480-37860

Laboratory: TestAmerica Buffalo

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0686	07-06-13
California	NELAP	9	1169CA	09-30-13
Connecticut	State Program	1	PH-0568	09-30-14
Florida	NELAP	4	E87672	06-30-13
Georgia	State Program	4	N/A	03-31-14
Georgia	State Program	4	956	06-30-13
Georgia	State Program	4	956	03-31-14
Illinois	NELAP	5	200003	09-30-13
Iowa	State Program	7	374	03-15-15
Kansas	NELAP	7	E-10187	01-31-14
Kentucky	State Program	4	90029	12-31-13
Kentucky (UST)	State Program	4	30	04-01-14
Louisiana	NELAP	6	02031	06-30-13
Maine	State Program	1	NY00044	12-04-13
Maryland	State Program	3	294	03-31-14
Massachusetts	State Program	1	M-NY044	06-30-13
Michigan	State Program	5	9937	04-01-13 *
Minnesota	NELAP	5	036-999-337	12-31-13
New Hampshire	NELAP	1	2973	09-11-13
New Hampshire	NELAP	1	2337	11-17-13
New Jersey	NELAP	2	NY455	06-30-13
New York	NELAP	2	10026	04-01-14
North Dakota	State Program	8	R-176	03-31-14
Oklahoma	State Program	6	9421	08-31-13
Oregon	NELAP	10	NY200003	06-09-14
Pennsylvania	NELAP	3	68-00281	07-31-13
Rhode Island	State Program	1	LAO00328	12-31-13
Tennessee	State Program	4	TN02970	04-01-14
Texas	NELAP	6	T104704412-11-2	07-31-13
USDA	Federal		P330-11-00386	11-22-14
Virginia	NELAP	3	460185	09-14-13
Washington	State Program	10	C784	02-10-14
West Virginia DEP	State Program	3	252	09-30-13
Wisconsin	State Program	5	998310390	08-31-13

* Expired certification is currently pending renewal and is considered valid.

Method Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-37860-1
SDG: 480-37860

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL BUF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: O'Brien & Gere Inc of North America
 Project/Site: GE IRM Project

TestAmerica Job ID: 480-37860-1
 SDG: 480-37860

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-37860-1	Trip Blank 050713	Water	05/07/13 00:00	05/08/13 09:15
480-37860-2	PMW-3P 050713	Water	05/07/13 11:50	05/08/13 09:15
480-37860-3	PMW-3S 050713	Water	05/07/13 11:55	05/08/13 09:15
480-37860-4	PMW-3D 050713	Water	05/07/13 12:00	05/08/13 09:15
480-37860-5	OSMW-10P 050713	Water	05/07/13 12:45	05/08/13 09:15
480-37860-6	OSMW-10S 050713	Water	05/07/13 12:50	05/08/13 09:15
480-37860-7	OSMW-10D 050713	Water	05/07/13 12:55	05/08/13 09:15
480-37860-8	TMW-1P 050713	Water	05/07/13 13:25	05/08/13 09:15
480-37860-9	AF-4P 050713	Water	05/07/13 13:40	05/08/13 09:15
480-37860-10	AF-4S 050713	Water	05/07/13 13:45	05/08/13 09:15
480-37860-11	PMW-2D 050713	Water	05/07/13 13:55	05/08/13 09:15
480-37860-12	AF-6S 050713	Water	05/07/13 14:20	05/08/13 09:15
480-37860-13	AF-19S 050713	Water	05/07/13 14:35	05/08/13 09:15
480-37860-14	AF-19D 050713	Water	05/07/13 14:40	05/08/13 09:15
480-37860-15	AF-11S 050713	Water	05/07/13 15:20	05/08/13 09:15
480-37860-16	AF-11D 050713	Water	05/07/13 15:25	05/08/13 09:15
480-37860-17	ADW-100 050713	Water	05/07/13 00:00	05/08/13 09:15
480-37860-18	PMW-4D 050713	Water	05/07/13 15:50	05/08/13 09:15
480-37860-19	AF-13P 050713	Water	05/07/13 16:05	05/08/13 09:15
480-37860-20	AF-13S 050713	Water	05/07/13 16:10	05/08/13 09:15
480-37860-21	OSMW-9S 050713	Water	05/07/13 17:00	05/08/13 09:15
480-37860-22	OSMW-9D 050713	Water	05/07/13 17:15	05/08/13 09:15
480-37860-23	OSMW-12P 050713	Water	05/07/13 17:35	05/08/13 09:15
480-37860-24	OSMW-11P 050713	Water	05/07/13 18:10	05/08/13 09:15
480-37860-25	OSMW-11S 050713	Water	05/07/13 18:15	05/08/13 09:15
480-37860-26	OSMW-11D 050713	Water	05/07/13 18:20	05/08/13 09:15
480-37860-27	OSMW-13P 050713	Water	05/07/13 18:45	05/08/13 09:15

Chain of Custody Record

Buffalo

TestAmerica Laboratories, Inc.

COC No. 57559

TestAmerica Laboratory location:

 DW NPDES RCRA Other

Regulatory program:

Site Contact:

Telephone:

Key Contact:

Name:

Telephone:

734-306-9685

Analyses

Lab Contact:

John Schaeve

Telephone:

716-691-3660

For Lab use only

Walk-in Client

Lab Pickup

Lab Sampling

Job/SDG No.:

Client Contact

Project Manager:

Troy Finch

Telephone:

248-477-5761

Email:

Anthony.Finch@obj6.com

City/State/Zip:

Cincinnati, OH 45241

Phone:

513-697-3020

Method of Shipment/Carrier:

FED EX overnight

Project Name:

GE IRM Project

Project Number:

50127 362.003

PO #:

11311137

Shipping/Tracking No.:

800343328964

Sample Identification:

Sample Date:

5/7/13

Sample Time:

-

Aperture:

X

Apt:

X

Depth:

X

Other:

X

Solid:

X

Sediment:

X

Aqueous:

X

H2SO4:

X

HNO3:

X

NaOH:

X

HCl:

X

LiOH:

X

Other:

X

N6 X

Regulatory program:

 DW NPDES RCRA Other

Site Contact:

Key Contact:

Name:

Telephone:

734-306-9685

Analyses

Lab Contact:

John Schaeve

Telephone:

716-691-3660

For Lab use only

Walk-in Client

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GE IRM Project

Project Number:

50127 362.003

PO #:

11311137

Shipping/Tracking No.:

800343328964

Sample Identification:

Sample Date:

5/7/13

Sample Time:

-

Aperture:

X

Apt:

X

Depth:

X

Other:

X

Solid:

X

Sediment:

X

Aqueous:

X

H2SO4:

X

HNO3:

X

NaOH:

X

HCl:

X

LiOH:

X

Other:

X

N6 X

Regulatory program:

 DW NPDES RCRA Other

Site Contact:

Key Contact:

Name:

Telephone:

734-306-9685

Analyses

Lab Contact:

John Schaeve

Telephone:

716-691-3660

For Lab use only

Walk-in Client

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Chain of Custody Record

Buffalo

TestAmerica Laboratory location:

DW

NPDES

RCRA

Other

Regulatory program:

TestAmerica Laboratories, Inc.

Client Contact

Client Project Manager:

Thay Finch

Site Contact:

Kevin Schaefer

Telephone:

248-977-5701

Date/Time:

7/34-3/06 9:083

Lab Contact:

John Schaefer

Telephone:

7/34-6/11 - 3/6/00

COC No:

57558

A of 3 COCs

TestAmerica Laboratories, Inc.

Analyses

For basic only

Walk-in client

Lab pickup

Lab sampling

Job/SDG No:

Sample Specific Notes / Special Instructions:

Project Name:

FEDEX overnight

Method of Shipment/Carrier:

Shipping/Tracking No:

8003 4332 8764

Containers & Reservatons:

UOCs (8260B)

Delivered Sample/Cert/Grade:

TAT if different from below

3 weeks

2 weeks

1 week

2 days

1 day

Other:

ZnO/Hg

HgCl

HNO3

H2SO4

Sample Identification

Sample Date

Sample Time

Project Number:

PO #

Sample ID:

Sample Date:

Sample Time:

Project Name:

PO#

Sample ID:

Sample Date:

Sample Time:

Project Name:

PO#

Sample ID:

Sample Date:

Sample Time:

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Project Name:

PO#

Sample ID:

Sample Date:

Sample Time:

Project Name:



THE LEADER IN ENVIRONMENTAL TESTING

Chain of Custody Record

१०

TestAmerica Laboratory location:

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Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-37860-1

SDG Number: 480-37860

Login Number: 37860

List Source: TestAmerica Buffalo

List Number: 1

Creator: Janish, Carl

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	OBG
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Buffalo

10 Hazelwood Drive

Amherst, NY 14228-2298

Tel: (716)691-2600

TestAmerica Job ID: 480-38005-1

TestAmerica Sample Delivery Group: 480-38005

Client Project/Site: GE Semi Annual Event

Sampling Event: GE IRM Project

For:

O'Brien & Gere Inc of North America

37000 Grand River Ave

Suite 260

Farmington Hills, Michigan 48335

Attn: Mr. Tony Finch



Authorized for release by:

6/6/2013 5:31:56 PM

John Schove, Project Manager I

john.schove@testamericainc.com

LINKS

Review your project
results through

TotalAccess

Have a Question?

Ask
The
Expert

Visit us at:

www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: O'Brien & Gere Inc of North America
Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38005-1
SDG: 480-38005

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation These commonly used abbreviations may or may not be present in this report.

□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: O'Brien & Gere Inc of North America
Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38005-1
SDG: 480-38005

Job ID: 480-38005-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-38005-1

Comments

No additional comments.

Receipt

The samples were received on 5/9/2013 9:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.4° C.

GC/MS VOA

Method 8260B: The following samples were diluted to bring the concentration of target analytes within the calibration range: AF-25P 050813 (480-38005-10), AF-7S 050813 (480-38005-3), AF-24P 050813 (480-38005-15), AF-25P 050813 (480-38005-10), TMW-2D 050813 (480-38005-12), AF-23P 050813 (480-38005-16), AOCLDMW-1S 050813 (480-38005-17). Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

Detection Summary

Client: O'Brien & Gere Inc of North America
 Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38005-1
 SDG: 480-38005

Client Sample ID: Trip Blank 050813

Lab Sample ID: 480-38005-1

No Detections.

Client Sample ID: AF-7P 050813

Lab Sample ID: 480-38005-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	6.3		1.0	0.82	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	11		1.0	0.38	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	16		1.0	0.81	ug/L	1		8260B	Total/NA
Trichloroethene	7.7		1.0	0.46	ug/L	1		8260B	Total/NA

Client Sample ID: AF-7S 050813

Lab Sample ID: 480-38005-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	18		10	3.8	ug/L	10		8260B	Total/NA
1,1-Dichloroethene	5.0	J	10	2.9	ug/L	10		8260B	Total/NA
cis-1,2-Dichloroethene	670		10	8.1	ug/L	10		8260B	Total/NA
Vinyl chloride	660		10	9.0	ug/L	10		8260B	Total/NA

Client Sample ID: AF-7D 050813

Lab Sample ID: 480-38005-4

No Detections.

Client Sample ID: ADW-7D 050813

Lab Sample ID: 480-38005-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon disulfide	0.31	J	1.0	0.19	ug/L	1		8260B	Total/NA

Client Sample ID: OSMW-3S 050813

Lab Sample ID: 480-38005-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.94	J	1.0	0.81	ug/L	1		8260B	Total/NA
Vinyl chloride	3.2		1.0	0.90	ug/L	1		8260B	Total/NA

Client Sample ID: OSMW-3D 050813

Lab Sample ID: 480-38005-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.2		1.0	0.38	ug/L	1		8260B	Total/NA
Benzene	1.2		1.0	0.41	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	1.4		1.0	0.81	ug/L	1		8260B	Total/NA
Trichloroethene	1.7		1.0	0.46	ug/L	1		8260B	Total/NA
Vinyl chloride	3.2		1.0	0.90	ug/L	1		8260B	Total/NA

Client Sample ID: TMW-1S 050813

Lab Sample ID: 480-38005-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.5		1.0	0.81	ug/L	1		8260B	Total/NA
Vinyl chloride	6.0		1.0	0.90	ug/L	1		8260B	Total/NA

Client Sample ID: TMW-1D 050813

Lab Sample ID: 480-38005-9

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

Client: O'Brien & Gere Inc of North America
 Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38005-1
 SDG: 480-38005

Client Sample ID: AF-25P 050813

Lab Sample ID: 480-38005-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	190		2.0	1.6	ug/L	2		8260B	Total/NA
1,1-Dichloroethane	14		2.0	0.76	ug/L	2		8260B	Total/NA
1,1-Dichloroethene	21		2.0	0.58	ug/L	2		8260B	Total/NA
Benzene	1.2	J	2.0	0.82	ug/L	2		8260B	Total/NA
Chloroethane	91		2.0	0.64	ug/L	2		8260B	Total/NA
cis-1,2-Dichloroethene	9.2		2.0	1.6	ug/L	2		8260B	Total/NA
Tetrachloroethene	3.3		2.0	0.72	ug/L	2		8260B	Total/NA
trans-1,2-Dichloroethene	3.3		2.0	1.8	ug/L	2		8260B	Total/NA
Trichloroethene - DL	230		4.0	1.8	ug/L	4		8260B	Total/NA

Client Sample ID: TMW-2S 050813

Lab Sample ID: 480-38005-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.55	J	1.0	0.46	ug/L	1		8260B	Total/NA

Client Sample ID: TMW-2D 050813

Lab Sample ID: 480-38005-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	2.3	J	5.0	2.1	ug/L	5		8260B	Total/NA
cis-1,2-Dichloroethene	340		5.0	4.1	ug/L	5		8260B	Total/NA
trans-1,2-Dichloroethene	110		5.0	4.5	ug/L	5		8260B	Total/NA
Trichloroethene	2.9	J	5.0	2.3	ug/L	5		8260B	Total/NA
Vinyl chloride	39		5.0	4.5	ug/L	5		8260B	Total/NA

Client Sample ID: AF-2P 050813

Lab Sample ID: 480-38005-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	2.2		1.0	0.82	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	7.1		1.0	0.38	ug/L	1		8260B	Total/NA
Acetone	4.0	J	10	3.0	ug/L	1		8260B	Total/NA
Trichloroethene	37		1.0	0.46	ug/L	1		8260B	Total/NA

Client Sample ID: AF-3P 050813

Lab Sample ID: 480-38005-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	51		1.0	0.82	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	5.9		1.0	0.38	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	6.4		1.0	0.29	ug/L	1		8260B	Total/NA
Acetone	7.0	J	10	3.0	ug/L	1		8260B	Total/NA
Chloroform	1.7		1.0	0.34	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	6.5		1.0	0.81	ug/L	1		8260B	Total/NA
Tetrachloroethene	8.3		1.0	0.36	ug/L	1		8260B	Total/NA
Trichloroethene	100		1.0	0.46	ug/L	1		8260B	Total/NA

Client Sample ID: AF-24P 050813

Lab Sample ID: 480-38005-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	330		5.0	4.1	ug/L	5		8260B	Total/NA
1,1-Dichloroethane	120		5.0	1.9	ug/L	5		8260B	Total/NA
1,1-Dichloroethene	46		5.0	1.5	ug/L	5		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

Client: O'Brien & Gere Inc of North America
 Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38005-1
 SDG: 480-38005

Client Sample ID: AF-24P 050813 (Continued)

Lab Sample ID: 480-38005-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	230		5.0	4.1	ug/L	5		8260B	Total/NA
Tetrachloroethene	5.6		5.0	1.8	ug/L	5		8260B	Total/NA
Trichloroethene	260		5.0	2.3	ug/L	5		8260B	Total/NA

Client Sample ID: AF-23P 050813

Lab Sample ID: 480-38005-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	47		1.0	0.38	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	12		1.0	0.29	ug/L	1		8260B	Total/NA
Acetone	3.5	J	10	3.0	ug/L	1		8260B	Total/NA
Chloroform	4.1		1.0	0.34	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	14		1.0	0.81	ug/L	1		8260B	Total/NA
Tetrachloroethene	4.7		1.0	0.36	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	0.91	J	1.0	0.90	ug/L	1		8260B	Total/NA
1,1,1-Trichloroethane - DL	240		5.0	4.1	ug/L	5		8260B	Total/NA
Trichloroethene - DL	290		5.0	2.3	ug/L	5		8260B	Total/NA

Client Sample ID: AOCLDMW-1S 050813

Lab Sample ID: 480-38005-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,2-Trichloroethane	0.71	J	1.0	0.23	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	25		1.0	0.38	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	14		1.0	0.29	ug/L	1		8260B	Total/NA
Acetone	7.3	J	10	3.0	ug/L	1		8260B	Total/NA
Chloroethane	0.74	J	1.0	0.32	ug/L	1		8260B	Total/NA
Chloroform	3.2		1.0	0.34	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	5.2		1.0	0.81	ug/L	1		8260B	Total/NA
Tetrachloroethene	2.3		1.0	0.36	ug/L	1		8260B	Total/NA
1,1,1-Trichloroethane - DL	410		8.0	6.6	ug/L	8		8260B	Total/NA
Trichloroethene - DL	340		8.0	3.7	ug/L	8		8260B	Total/NA

Client Sample ID: AOCSTMW-2S 050813

Lab Sample ID: 480-38005-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	27		1.0	0.82	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	0.59	J	1.0	0.29	ug/L	1		8260B	Total/NA
Acetone	4.6	J	10	3.0	ug/L	1		8260B	Total/NA
Trichloroethene	7.6		1.0	0.46	ug/L	1		8260B	Total/NA

Client Sample ID: OSMW-4S 050813

Lab Sample ID: 480-38005-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.86	J	1.0	0.38	ug/L	1		8260B	Total/NA
Trichloroethene	0.65	J	1.0	0.46	ug/L	1		8260B	Total/NA
Vinyl chloride	1.3		1.0	0.90	ug/L	1		8260B	Total/NA

Client Sample ID: OSMW-4D 050813

Lab Sample ID: 480-38005-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	8.7		1.0	0.38	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

Client: O'Brien & Gere Inc of North America
 Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38005-1
 SDG: 480-38005

Client Sample ID: OSMW-4D 050813 (Continued)

Lab Sample ID: 480-38005-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	1.5		1.0	0.29	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	39		1.0	0.81	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	12		1.0	0.90	ug/L	1		8260B	Total/NA
Vinyl chloride	50		1.0	0.90	ug/L	1		8260B	Total/NA

Client Sample ID: OSMW-8S 050813

Lab Sample ID: 480-38005-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	3.8		1.0	0.38	ug/L	1		8260B	Total/NA
Acetone	3.4	J	10	3.0	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	0.84	J	1.0	0.81	ug/L	1		8260B	Total/NA
Vinyl chloride	6.7		1.0	0.90	ug/L	1		8260B	Total/NA

Client Sample ID: OSMW-8D 050813

Lab Sample ID: 480-38005-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.0	J	10	3.0	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	1.0		1.0	0.81	ug/L	1		8260B	Total/NA
Vinyl chloride	43		1.0	0.90	ug/L	1		8260B	Total/NA

Client Sample ID: AF-21D 050813

Lab Sample ID: 480-38005-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	4.4	J	10	3.0	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38005-1
 SDG: 480-38005

Client Sample ID: Trip Blank 050813

Lab Sample ID: 480-38005-1

Date Collected: 05/08/13 00:00

Matrix: Water

Date Received: 05/09/13 09:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L		05/16/13 14:09		1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L		05/16/13 14:09		1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L		05/16/13 14:09		1
1,1-Dichloroethane	ND		1.0	0.38	ug/L		05/16/13 14:09		1
1,1-Dichloroethene	ND		1.0	0.29	ug/L		05/16/13 14:09		1
1,2-Dichloroethane	ND		1.0	0.21	ug/L		05/16/13 14:09		1
1,2-Dichloropropane	ND		1.0	0.72	ug/L		05/16/13 14:09		1
2-Hexanone	ND		5.0	1.2	ug/L		05/16/13 14:09		1
2-Butanone (MEK)	ND		10	1.3	ug/L		05/16/13 14:09		1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L		05/16/13 14:09		1
Acetone	ND		10	3.0	ug/L		05/16/13 14:09		1
Benzene	ND		1.0	0.41	ug/L		05/16/13 14:09		1
Bromodichloromethane	ND		1.0	0.39	ug/L		05/16/13 14:09		1
Bromoform	ND		1.0	0.26	ug/L		05/16/13 14:09		1
Bromomethane	ND		1.0	0.69	ug/L		05/16/13 14:09		1
Carbon disulfide	ND		1.0	0.19	ug/L		05/16/13 14:09		1
Carbon tetrachloride	ND		1.0	0.27	ug/L		05/16/13 14:09		1
Chlorobenzene	ND		1.0	0.75	ug/L		05/16/13 14:09		1
Dibromochloromethane	ND		1.0	0.32	ug/L		05/16/13 14:09		1
Chloroethane	ND		1.0	0.32	ug/L		05/16/13 14:09		1
Chloroform	ND		1.0	0.34	ug/L		05/16/13 14:09		1
Chloromethane	ND		1.0	0.35	ug/L		05/16/13 14:09		1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L		05/16/13 14:09		1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L		05/16/13 14:09		1
Ethylbenzene	ND		1.0	0.74	ug/L		05/16/13 14:09		1
Methylene Chloride	ND		1.0	0.44	ug/L		05/16/13 14:09		1
Styrene	ND		1.0	0.73	ug/L		05/16/13 14:09		1
Tetrachloroethene	ND		1.0	0.36	ug/L		05/16/13 14:09		1
Toluene	ND		1.0	0.51	ug/L		05/16/13 14:09		1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L		05/16/13 14:09		1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L		05/16/13 14:09		1
Trichloroethene	ND		1.0	0.46	ug/L		05/16/13 14:09		1
Vinyl chloride	ND		1.0	0.90	ug/L		05/16/13 14:09		1
Xylenes, Total	ND		2.0	0.66	ug/L		05/16/13 14:09		1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100			66 - 137			05/16/13 14:09		1
Toluene-d8 (Surr)	99			71 - 126			05/16/13 14:09		1
4-Bromofluorobenzene (Surr)	98			73 - 120			05/16/13 14:09		1

TestAmerica Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38005-1
 SDG: 480-38005

Client Sample ID: AF-7P 050813

Lab Sample ID: 480-38005-2

Matrix: Water

Date Collected: 05/08/13 09:10
 Date Received: 05/09/13 09:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	6.3		1.0	0.82	ug/L			05/17/13 12:57	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/17/13 12:57	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/17/13 12:57	1
1,1-Dichloroethane	11		1.0	0.38	ug/L			05/17/13 12:57	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			05/17/13 12:57	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/17/13 12:57	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/17/13 12:57	1
2-Hexanone	ND		5.0	1.2	ug/L			05/17/13 12:57	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/17/13 12:57	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/17/13 12:57	1
Acetone	ND		10	3.0	ug/L			05/17/13 12:57	1
Benzene	ND		1.0	0.41	ug/L			05/17/13 12:57	1
Bromodichloromethane	ND		1.0	0.39	ug/L			05/17/13 12:57	1
Bromoform	ND		1.0	0.26	ug/L			05/17/13 12:57	1
Bromomethane	ND		1.0	0.69	ug/L			05/17/13 12:57	1
Carbon disulfide	ND		1.0	0.19	ug/L			05/17/13 12:57	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/17/13 12:57	1
Chlorobenzene	ND		1.0	0.75	ug/L			05/17/13 12:57	1
Dibromochloromethane	ND		1.0	0.32	ug/L			05/17/13 12:57	1
Chloroethane	ND		1.0	0.32	ug/L			05/17/13 12:57	1
Chloroform	ND		1.0	0.34	ug/L			05/17/13 12:57	1
Chloromethane	ND		1.0	0.35	ug/L			05/17/13 12:57	1
cis-1,2-Dichloroethene	16		1.0	0.81	ug/L			05/17/13 12:57	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			05/17/13 12:57	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/17/13 12:57	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/17/13 12:57	1
Styrene	ND		1.0	0.73	ug/L			05/17/13 12:57	1
Tetrachloroethene	ND		1.0	0.36	ug/L			05/17/13 12:57	1
Toluene	ND		1.0	0.51	ug/L			05/17/13 12:57	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			05/17/13 12:57	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			05/17/13 12:57	1
Trichloroethene	7.7		1.0	0.46	ug/L			05/17/13 12:57	1
Vinyl chloride	ND		1.0	0.90	ug/L			05/17/13 12:57	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/17/13 12:57	1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102			66 - 137				05/17/13 12:57	1
Toluene-d8 (Surr)	101			71 - 126				05/17/13 12:57	1
4-Bromofluorobenzene (Surr)	101			73 - 120				05/17/13 12:57	1

TestAmerica Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38005-1
 SDG: 480-38005

Client Sample ID: AF-7S 050813

Lab Sample ID: 480-38005-3

Matrix: Water

Date Collected: 05/08/13 09:15
 Date Received: 05/09/13 09:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		10	8.2	ug/L			05/16/13 15:00	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			05/16/13 15:00	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			05/16/13 15:00	10
1,1-Dichloroethane	18		10	3.8	ug/L			05/16/13 15:00	10
1,1-Dichloroethene	5.0 J		10	2.9	ug/L			05/16/13 15:00	10
1,2-Dichloroethane	ND		10	2.1	ug/L			05/16/13 15:00	10
1,2-Dichloropropane	ND		10	7.2	ug/L			05/16/13 15:00	10
2-Hexanone	ND		50	12	ug/L			05/16/13 15:00	10
2-Butanone (MEK)	ND		100	13	ug/L			05/16/13 15:00	10
4-Methyl-2-pentanone (MIBK)	ND		50	21	ug/L			05/16/13 15:00	10
Acetone	ND		100	30	ug/L			05/16/13 15:00	10
Benzene	ND		10	4.1	ug/L			05/16/13 15:00	10
Bromodichloromethane	ND		10	3.9	ug/L			05/16/13 15:00	10
Bromoform	ND		10	2.6	ug/L			05/16/13 15:00	10
Bromomethane	ND		10	6.9	ug/L			05/16/13 15:00	10
Carbon disulfide	ND		10	1.9	ug/L			05/16/13 15:00	10
Carbon tetrachloride	ND		10	2.7	ug/L			05/16/13 15:00	10
Chlorobenzene	ND		10	7.5	ug/L			05/16/13 15:00	10
Dibromochloromethane	ND		10	3.2	ug/L			05/16/13 15:00	10
Chloroethane	ND		10	3.2	ug/L			05/16/13 15:00	10
Chloroform	ND		10	3.4	ug/L			05/16/13 15:00	10
Chloromethane	ND		10	3.5	ug/L			05/16/13 15:00	10
cis-1,2-Dichloroethene	670		10	8.1	ug/L			05/16/13 15:00	10
cis-1,3-Dichloropropene	ND		10	3.6	ug/L			05/16/13 15:00	10
Ethylbenzene	ND		10	7.4	ug/L			05/16/13 15:00	10
Methylene Chloride	ND		10	4.4	ug/L			05/16/13 15:00	10
Styrene	ND		10	7.3	ug/L			05/16/13 15:00	10
Tetrachloroethene	ND		10	3.6	ug/L			05/16/13 15:00	10
Toluene	ND		10	5.1	ug/L			05/16/13 15:00	10
trans-1,2-Dichloroethene	ND		10	9.0	ug/L			05/16/13 15:00	10
trans-1,3-Dichloropropene	ND		10	3.7	ug/L			05/16/13 15:00	10
Trichloroethene	ND		10	4.6	ug/L			05/16/13 15:00	10
Vinyl chloride	660		10	9.0	ug/L			05/16/13 15:00	10
Xylenes, Total	ND		20	6.6	ug/L			05/16/13 15:00	10
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102			66 - 137				05/16/13 15:00	10
Toluene-d8 (Surr)	100			71 - 126				05/16/13 15:00	10
4-Bromofluorobenzene (Surr)	100			73 - 120				05/16/13 15:00	10

TestAmerica Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38005-1
 SDG: 480-38005

Client Sample ID: AF-7D 050813

Lab Sample ID: 480-38005-4

Matrix: Water

Date Collected: 05/08/13 09:25
 Date Received: 05/09/13 09:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L		05/16/13 15:25		1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L		05/16/13 15:25		1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L		05/16/13 15:25		1
1,1-Dichloroethane	ND		1.0	0.38	ug/L		05/16/13 15:25		1
1,1-Dichloroethene	ND		1.0	0.29	ug/L		05/16/13 15:25		1
1,2-Dichloroethane	ND		1.0	0.21	ug/L		05/16/13 15:25		1
1,2-Dichloropropane	ND		1.0	0.72	ug/L		05/16/13 15:25		1
2-Hexanone	ND		5.0	1.2	ug/L		05/16/13 15:25		1
2-Butanone (MEK)	ND		10	1.3	ug/L		05/16/13 15:25		1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L		05/16/13 15:25		1
Acetone	ND		10	3.0	ug/L		05/16/13 15:25		1
Benzene	ND		1.0	0.41	ug/L		05/16/13 15:25		1
Bromodichloromethane	ND		1.0	0.39	ug/L		05/16/13 15:25		1
Bromoform	ND		1.0	0.26	ug/L		05/16/13 15:25		1
Bromomethane	ND		1.0	0.69	ug/L		05/16/13 15:25		1
Carbon disulfide	ND		1.0	0.19	ug/L		05/16/13 15:25		1
Carbon tetrachloride	ND		1.0	0.27	ug/L		05/16/13 15:25		1
Chlorobenzene	ND		1.0	0.75	ug/L		05/16/13 15:25		1
Dibromochloromethane	ND		1.0	0.32	ug/L		05/16/13 15:25		1
Chloroethane	ND		1.0	0.32	ug/L		05/16/13 15:25		1
Chloroform	ND		1.0	0.34	ug/L		05/16/13 15:25		1
Chloromethane	ND		1.0	0.35	ug/L		05/16/13 15:25		1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L		05/16/13 15:25		1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L		05/16/13 15:25		1
Ethylbenzene	ND		1.0	0.74	ug/L		05/16/13 15:25		1
Methylene Chloride	ND		1.0	0.44	ug/L		05/16/13 15:25		1
Styrene	ND		1.0	0.73	ug/L		05/16/13 15:25		1
Tetrachloroethene	ND		1.0	0.36	ug/L		05/16/13 15:25		1
Toluene	ND		1.0	0.51	ug/L		05/16/13 15:25		1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L		05/16/13 15:25		1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L		05/16/13 15:25		1
Trichloroethene	ND		1.0	0.46	ug/L		05/16/13 15:25		1
Vinyl chloride	ND		1.0	0.90	ug/L		05/16/13 15:25		1
Xylenes, Total	ND		2.0	0.66	ug/L		05/16/13 15:25		1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		66 - 137		05/16/13 15:25	1
Toluene-d8 (Surr)	99		71 - 126		05/16/13 15:25	1
4-Bromofluorobenzene (Surr)	102		73 - 120		05/16/13 15:25	1

TestAmerica Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38005-1
 SDG: 480-38005

Client Sample ID: ADW-7D 050813

Lab Sample ID: 480-38005-5

Matrix: Water

Date Collected: 05/08/13 09:35
 Date Received: 05/09/13 09:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L		05/16/13 17:23		1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L		05/16/13 17:23		1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L		05/16/13 17:23		1
1,1-Dichloroethane	ND		1.0	0.38	ug/L		05/16/13 17:23		1
1,1-Dichloroethene	ND		1.0	0.29	ug/L		05/16/13 17:23		1
1,2-Dichloroethane	ND		1.0	0.21	ug/L		05/16/13 17:23		1
1,2-Dichloropropane	ND		1.0	0.72	ug/L		05/16/13 17:23		1
2-Hexanone	ND		5.0	1.2	ug/L		05/16/13 17:23		1
2-Butanone (MEK)	ND		10	1.3	ug/L		05/16/13 17:23		1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L		05/16/13 17:23		1
Acetone	ND		10	3.0	ug/L		05/16/13 17:23		1
Benzene	ND		1.0	0.41	ug/L		05/16/13 17:23		1
Bromodichloromethane	ND		1.0	0.39	ug/L		05/16/13 17:23		1
Bromoform	ND		1.0	0.26	ug/L		05/16/13 17:23		1
Bromomethane	ND		1.0	0.69	ug/L		05/16/13 17:23		1
Carbon disulfide	0.31	J	1.0	0.19	ug/L		05/16/13 17:23		1
Carbon tetrachloride	ND		1.0	0.27	ug/L		05/16/13 17:23		1
Chlorobenzene	ND		1.0	0.75	ug/L		05/16/13 17:23		1
Dibromochloromethane	ND		1.0	0.32	ug/L		05/16/13 17:23		1
Chloroethane	ND		1.0	0.32	ug/L		05/16/13 17:23		1
Chloroform	ND		1.0	0.34	ug/L		05/16/13 17:23		1
Chloromethane	ND		1.0	0.35	ug/L		05/16/13 17:23		1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L		05/16/13 17:23		1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L		05/16/13 17:23		1
Ethylbenzene	ND		1.0	0.74	ug/L		05/16/13 17:23		1
Methylene Chloride	ND		1.0	0.44	ug/L		05/16/13 17:23		1
Styrene	ND		1.0	0.73	ug/L		05/16/13 17:23		1
Tetrachloroethene	ND		1.0	0.36	ug/L		05/16/13 17:23		1
Toluene	ND		1.0	0.51	ug/L		05/16/13 17:23		1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L		05/16/13 17:23		1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L		05/16/13 17:23		1
Trichloroethene	ND		1.0	0.46	ug/L		05/16/13 17:23		1
Vinyl chloride	ND		1.0	0.90	ug/L		05/16/13 17:23		1
Xylenes, Total	ND		2.0	0.66	ug/L		05/16/13 17:23		1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99			66 - 137			05/16/13 17:23		1
Toluene-d8 (Surr)	100			71 - 126			05/16/13 17:23		1
4-Bromofluorobenzene (Surr)	103			73 - 120			05/16/13 17:23		1

TestAmerica Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38005-1
 SDG: 480-38005

Client Sample ID: OSMW-3S 050813

Lab Sample ID: 480-38005-6

Matrix: Water

Date Collected: 05/08/13 10:15
 Date Received: 05/09/13 09:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L		05/16/13 17:49		1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L		05/16/13 17:49		1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L		05/16/13 17:49		1
1,1-Dichloroethane	ND		1.0	0.38	ug/L		05/16/13 17:49		1
1,1-Dichloroethene	ND		1.0	0.29	ug/L		05/16/13 17:49		1
1,2-Dichloroethane	ND		1.0	0.21	ug/L		05/16/13 17:49		1
1,2-Dichloropropane	ND		1.0	0.72	ug/L		05/16/13 17:49		1
2-Hexanone	ND		5.0	1.2	ug/L		05/16/13 17:49		1
2-Butanone (MEK)	ND		10	1.3	ug/L		05/16/13 17:49		1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L		05/16/13 17:49		1
Acetone	ND		10	3.0	ug/L		05/16/13 17:49		1
Benzene	ND		1.0	0.41	ug/L		05/16/13 17:49		1
Bromodichloromethane	ND		1.0	0.39	ug/L		05/16/13 17:49		1
Bromoform	ND		1.0	0.26	ug/L		05/16/13 17:49		1
Bromomethane	ND		1.0	0.69	ug/L		05/16/13 17:49		1
Carbon disulfide	ND		1.0	0.19	ug/L		05/16/13 17:49		1
Carbon tetrachloride	ND		1.0	0.27	ug/L		05/16/13 17:49		1
Chlorobenzene	ND		1.0	0.75	ug/L		05/16/13 17:49		1
Dibromochloromethane	ND		1.0	0.32	ug/L		05/16/13 17:49		1
Chloroethane	ND		1.0	0.32	ug/L		05/16/13 17:49		1
Chloroform	ND		1.0	0.34	ug/L		05/16/13 17:49		1
Chloromethane	ND		1.0	0.35	ug/L		05/16/13 17:49		1
cis-1,2-Dichloroethene	0.94	J	1.0	0.81	ug/L		05/16/13 17:49		1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L		05/16/13 17:49		1
Ethylbenzene	ND		1.0	0.74	ug/L		05/16/13 17:49		1
Methylene Chloride	ND		1.0	0.44	ug/L		05/16/13 17:49		1
Styrene	ND		1.0	0.73	ug/L		05/16/13 17:49		1
Tetrachloroethene	ND		1.0	0.36	ug/L		05/16/13 17:49		1
Toluene	ND		1.0	0.51	ug/L		05/16/13 17:49		1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L		05/16/13 17:49		1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L		05/16/13 17:49		1
Trichloroethene	ND		1.0	0.46	ug/L		05/16/13 17:49		1
Vinyl chloride	3.2		1.0	0.90	ug/L		05/16/13 17:49		1
Xylenes, Total	ND		2.0	0.66	ug/L		05/16/13 17:49		1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98			66 - 137			05/16/13 17:49		1
Toluene-d8 (Surr)	98			71 - 126			05/16/13 17:49		1
4-Bromofluorobenzene (Surr)	99			73 - 120			05/16/13 17:49		1

TestAmerica Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38005-1
 SDG: 480-38005

Client Sample ID: OSMW-3D 050813

Lab Sample ID: 480-38005-7

Date Collected: 05/08/13 10:20

Matrix: Water

Date Received: 05/09/13 09:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L		05/16/13 18:14		1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L		05/16/13 18:14		1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L		05/16/13 18:14		1
1,1-Dichloroethane	4.2		1.0	0.38	ug/L		05/16/13 18:14		1
1,1-Dichloroethene	ND		1.0	0.29	ug/L		05/16/13 18:14		1
1,2-Dichloroethane	ND		1.0	0.21	ug/L		05/16/13 18:14		1
1,2-Dichloropropane	ND		1.0	0.72	ug/L		05/16/13 18:14		1
2-Hexanone	ND		5.0	1.2	ug/L		05/16/13 18:14		1
2-Butanone (MEK)	ND		10	1.3	ug/L		05/16/13 18:14		1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L		05/16/13 18:14		1
Acetone	ND		10	3.0	ug/L		05/16/13 18:14		1
Benzene	1.2		1.0	0.41	ug/L		05/16/13 18:14		1
Bromodichloromethane	ND		1.0	0.39	ug/L		05/16/13 18:14		1
Bromoform	ND		1.0	0.26	ug/L		05/16/13 18:14		1
Bromomethane	ND		1.0	0.69	ug/L		05/16/13 18:14		1
Carbon disulfide	ND		1.0	0.19	ug/L		05/16/13 18:14		1
Carbon tetrachloride	ND		1.0	0.27	ug/L		05/16/13 18:14		1
Chlorobenzene	ND		1.0	0.75	ug/L		05/16/13 18:14		1
Dibromochloromethane	ND		1.0	0.32	ug/L		05/16/13 18:14		1
Chloroethane	ND		1.0	0.32	ug/L		05/16/13 18:14		1
Chloroform	ND		1.0	0.34	ug/L		05/16/13 18:14		1
Chloromethane	ND		1.0	0.35	ug/L		05/16/13 18:14		1
cis-1,2-Dichloroethene	1.4		1.0	0.81	ug/L		05/16/13 18:14		1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L		05/16/13 18:14		1
Ethylbenzene	ND		1.0	0.74	ug/L		05/16/13 18:14		1
Methylene Chloride	ND		1.0	0.44	ug/L		05/16/13 18:14		1
Styrene	ND		1.0	0.73	ug/L		05/16/13 18:14		1
Tetrachloroethene	ND		1.0	0.36	ug/L		05/16/13 18:14		1
Toluene	ND		1.0	0.51	ug/L		05/16/13 18:14		1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L		05/16/13 18:14		1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L		05/16/13 18:14		1
Trichloroethene	1.7		1.0	0.46	ug/L		05/16/13 18:14		1
Vinyl chloride	3.2		1.0	0.90	ug/L		05/16/13 18:14		1
Xylenes, Total	ND		2.0	0.66	ug/L		05/16/13 18:14		1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101			66 - 137			05/16/13 18:14		1
Toluene-d8 (Surr)	97			71 - 126			05/16/13 18:14		1
4-Bromofluorobenzene (Surr)	100			73 - 120			05/16/13 18:14		1

TestAmerica Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38005-1
 SDG: 480-38005

Client Sample ID: TMW-1S 050813

Lab Sample ID: 480-38005-8

Matrix: Water

Date Collected: 05/08/13 11:25
 Date Received: 05/09/13 09:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L		05/16/13 18:39		1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L		05/16/13 18:39		1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L		05/16/13 18:39		1
1,1-Dichloroethane	ND		1.0	0.38	ug/L		05/16/13 18:39		1
1,1-Dichloroethene	ND		1.0	0.29	ug/L		05/16/13 18:39		1
1,2-Dichloroethane	ND		1.0	0.21	ug/L		05/16/13 18:39		1
1,2-Dichloropropane	ND		1.0	0.72	ug/L		05/16/13 18:39		1
2-Hexanone	ND		5.0	1.2	ug/L		05/16/13 18:39		1
2-Butanone (MEK)	ND		10	1.3	ug/L		05/16/13 18:39		1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L		05/16/13 18:39		1
Acetone	ND		10	3.0	ug/L		05/16/13 18:39		1
Benzene	ND		1.0	0.41	ug/L		05/16/13 18:39		1
Bromodichloromethane	ND		1.0	0.39	ug/L		05/16/13 18:39		1
Bromoform	ND		1.0	0.26	ug/L		05/16/13 18:39		1
Bromomethane	ND		1.0	0.69	ug/L		05/16/13 18:39		1
Carbon disulfide	ND		1.0	0.19	ug/L		05/16/13 18:39		1
Carbon tetrachloride	ND		1.0	0.27	ug/L		05/16/13 18:39		1
Chlorobenzene	ND		1.0	0.75	ug/L		05/16/13 18:39		1
Dibromochloromethane	ND		1.0	0.32	ug/L		05/16/13 18:39		1
Chloroethane	ND		1.0	0.32	ug/L		05/16/13 18:39		1
Chloroform	ND		1.0	0.34	ug/L		05/16/13 18:39		1
Chloromethane	ND		1.0	0.35	ug/L		05/16/13 18:39		1
cis-1,2-Dichloroethene	1.5		1.0	0.81	ug/L		05/16/13 18:39		1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L		05/16/13 18:39		1
Ethylbenzene	ND		1.0	0.74	ug/L		05/16/13 18:39		1
Methylene Chloride	ND		1.0	0.44	ug/L		05/16/13 18:39		1
Styrene	ND		1.0	0.73	ug/L		05/16/13 18:39		1
Tetrachloroethene	ND		1.0	0.36	ug/L		05/16/13 18:39		1
Toluene	ND		1.0	0.51	ug/L		05/16/13 18:39		1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L		05/16/13 18:39		1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L		05/16/13 18:39		1
Trichloroethene	ND		1.0	0.46	ug/L		05/16/13 18:39		1
Vinyl chloride	6.0		1.0	0.90	ug/L		05/16/13 18:39		1
Xylenes, Total	ND		2.0	0.66	ug/L		05/16/13 18:39		1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		66 - 137		05/16/13 18:39	1
Toluene-d8 (Surr)	99		71 - 126		05/16/13 18:39	1
4-Bromofluorobenzene (Surr)	102		73 - 120		05/16/13 18:39	1

TestAmerica Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38005-1
 SDG: 480-38005

Client Sample ID: TMW-1D 050813

Lab Sample ID: 480-38005-9

Date Collected: 05/08/13 11:30

Matrix: Water

Date Received: 05/09/13 09:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L		05/16/13 19:04		1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L		05/16/13 19:04		1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L		05/16/13 19:04		1
1,1-Dichloroethane	ND		1.0	0.38	ug/L		05/16/13 19:04		1
1,1-Dichloroethene	ND		1.0	0.29	ug/L		05/16/13 19:04		1
1,2-Dichloroethane	ND		1.0	0.21	ug/L		05/16/13 19:04		1
1,2-Dichloropropane	ND		1.0	0.72	ug/L		05/16/13 19:04		1
2-Hexanone	ND		5.0	1.2	ug/L		05/16/13 19:04		1
2-Butanone (MEK)	ND		10	1.3	ug/L		05/16/13 19:04		1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L		05/16/13 19:04		1
Acetone	ND		10	3.0	ug/L		05/16/13 19:04		1
Benzene	ND		1.0	0.41	ug/L		05/16/13 19:04		1
Bromodichloromethane	ND		1.0	0.39	ug/L		05/16/13 19:04		1
Bromoform	ND		1.0	0.26	ug/L		05/16/13 19:04		1
Bromomethane	ND		1.0	0.69	ug/L		05/16/13 19:04		1
Carbon disulfide	ND		1.0	0.19	ug/L		05/16/13 19:04		1
Carbon tetrachloride	ND		1.0	0.27	ug/L		05/16/13 19:04		1
Chlorobenzene	ND		1.0	0.75	ug/L		05/16/13 19:04		1
Dibromochloromethane	ND		1.0	0.32	ug/L		05/16/13 19:04		1
Chloroethane	ND		1.0	0.32	ug/L		05/16/13 19:04		1
Chloroform	ND		1.0	0.34	ug/L		05/16/13 19:04		1
Chloromethane	ND		1.0	0.35	ug/L		05/16/13 19:04		1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L		05/16/13 19:04		1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L		05/16/13 19:04		1
Ethylbenzene	ND		1.0	0.74	ug/L		05/16/13 19:04		1
Methylene Chloride	ND		1.0	0.44	ug/L		05/16/13 19:04		1
Styrene	ND		1.0	0.73	ug/L		05/16/13 19:04		1
Tetrachloroethene	ND		1.0	0.36	ug/L		05/16/13 19:04		1
Toluene	ND		1.0	0.51	ug/L		05/16/13 19:04		1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L		05/16/13 19:04		1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L		05/16/13 19:04		1
Trichloroethene	ND		1.0	0.46	ug/L		05/16/13 19:04		1
Vinyl chloride	ND		1.0	0.90	ug/L		05/16/13 19:04		1
Xylenes, Total	ND		2.0	0.66	ug/L		05/16/13 19:04		1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		66 - 137		05/16/13 19:04	1
Toluene-d8 (Surr)	101		71 - 126		05/16/13 19:04	1
4-Bromofluorobenzene (Surr)	100		73 - 120		05/16/13 19:04	1

TestAmerica Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38005-1
 SDG: 480-38005

Client Sample ID: AF-25P 050813

Lab Sample ID: 480-38005-10

Matrix: Water

Date Collected: 05/08/13 11:45
 Date Received: 05/09/13 09:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	190		2.0	1.6	ug/L			05/16/13 19:29	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			05/16/13 19:29	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			05/16/13 19:29	2
1,1-Dichloroethane	14		2.0	0.76	ug/L			05/16/13 19:29	2
1,1-Dichloroethene	21		2.0	0.58	ug/L			05/16/13 19:29	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			05/16/13 19:29	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			05/16/13 19:29	2
2-Hexanone	ND		10	2.5	ug/L			05/16/13 19:29	2
2-Butanone (MEK)	ND		20	2.6	ug/L			05/16/13 19:29	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			05/16/13 19:29	2
Acetone	ND		20	6.0	ug/L			05/16/13 19:29	2
Benzene	1.2 J		2.0	0.82	ug/L			05/16/13 19:29	2
Bromodichloromethane	ND		2.0	0.78	ug/L			05/16/13 19:29	2
Bromoform	ND		2.0	0.52	ug/L			05/16/13 19:29	2
Bromomethane	ND		2.0	1.4	ug/L			05/16/13 19:29	2
Carbon disulfide	ND		2.0	0.38	ug/L			05/16/13 19:29	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			05/16/13 19:29	2
Chlorobenzene	ND		2.0	1.5	ug/L			05/16/13 19:29	2
Dibromochloromethane	ND		2.0	0.64	ug/L			05/16/13 19:29	2
Chloroethane	91		2.0	0.64	ug/L			05/16/13 19:29	2
Chloroform	ND		2.0	0.68	ug/L			05/16/13 19:29	2
Chloromethane	ND		2.0	0.70	ug/L			05/16/13 19:29	2
cis-1,2-Dichloroethene	9.2		2.0	1.6	ug/L			05/16/13 19:29	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			05/16/13 19:29	2
Ethylbenzene	ND		2.0	1.5	ug/L			05/16/13 19:29	2
Methylene Chloride	ND		2.0	0.88	ug/L			05/16/13 19:29	2
Styrene	ND		2.0	1.5	ug/L			05/16/13 19:29	2
Tetrachloroethene	3.3		2.0	0.72	ug/L			05/16/13 19:29	2
Toluene	ND		2.0	1.0	ug/L			05/16/13 19:29	2
trans-1,2-Dichloroethene	3.3		2.0	1.8	ug/L			05/16/13 19:29	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			05/16/13 19:29	2
Vinyl chloride	ND		2.0	1.8	ug/L			05/16/13 19:29	2
Xylenes, Total	ND		4.0	1.3	ug/L			05/16/13 19:29	2
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100			66 - 137				05/16/13 19:29	2
Toluene-d8 (Surr)	99			71 - 126				05/16/13 19:29	2
4-Bromofluorobenzene (Surr)	101			73 - 120				05/16/13 19:29	2

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	230		4.0	1.8	ug/L			05/17/13 13:22	4
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104			66 - 137				05/17/13 13:22	4
Toluene-d8 (Surr)	99			71 - 126				05/17/13 13:22	4
4-Bromofluorobenzene (Surr)	100			73 - 120				05/17/13 13:22	4

TestAmerica Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38005-1
 SDG: 480-38005

Client Sample ID: TMW-2S 050813

Date Collected: 05/08/13 11:55
 Date Received: 05/09/13 09:30

Lab Sample ID: 480-38005-11

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L		05/16/13 19:54		1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L		05/16/13 19:54		1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L		05/16/13 19:54		1
1,1-Dichloroethane	ND		1.0	0.38	ug/L		05/16/13 19:54		1
1,1-Dichloroethene	ND		1.0	0.29	ug/L		05/16/13 19:54		1
1,2-Dichloroethane	ND		1.0	0.21	ug/L		05/16/13 19:54		1
1,2-Dichloropropane	ND		1.0	0.72	ug/L		05/16/13 19:54		1
2-Hexanone	ND		5.0	1.2	ug/L		05/16/13 19:54		1
2-Butanone (MEK)	ND		10	1.3	ug/L		05/16/13 19:54		1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L		05/16/13 19:54		1
Acetone	ND		10	3.0	ug/L		05/16/13 19:54		1
Benzene	ND		1.0	0.41	ug/L		05/16/13 19:54		1
Bromodichloromethane	ND		1.0	0.39	ug/L		05/16/13 19:54		1
Bromoform	ND		1.0	0.26	ug/L		05/16/13 19:54		1
Bromomethane	ND		1.0	0.69	ug/L		05/16/13 19:54		1
Carbon disulfide	ND		1.0	0.19	ug/L		05/16/13 19:54		1
Carbon tetrachloride	ND		1.0	0.27	ug/L		05/16/13 19:54		1
Chlorobenzene	ND		1.0	0.75	ug/L		05/16/13 19:54		1
Dibromochloromethane	ND		1.0	0.32	ug/L		05/16/13 19:54		1
Chloroethane	ND		1.0	0.32	ug/L		05/16/13 19:54		1
Chloroform	ND		1.0	0.34	ug/L		05/16/13 19:54		1
Chloromethane	ND		1.0	0.35	ug/L		05/16/13 19:54		1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L		05/16/13 19:54		1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L		05/16/13 19:54		1
Ethylbenzene	ND		1.0	0.74	ug/L		05/16/13 19:54		1
Methylene Chloride	ND		1.0	0.44	ug/L		05/16/13 19:54		1
Styrene	ND		1.0	0.73	ug/L		05/16/13 19:54		1
Tetrachloroethene	ND		1.0	0.36	ug/L		05/16/13 19:54		1
Toluene	ND		1.0	0.51	ug/L		05/16/13 19:54		1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L		05/16/13 19:54		1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L		05/16/13 19:54		1
Trichloroethene	0.55 J		1.0	0.46	ug/L		05/16/13 19:54		1
Vinyl chloride	ND		1.0	0.90	ug/L		05/16/13 19:54		1
Xylenes, Total	ND		2.0	0.66	ug/L		05/16/13 19:54		1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		66 - 137		05/16/13 19:54	1
Toluene-d8 (Surr)	99		71 - 126		05/16/13 19:54	1
4-Bromofluorobenzene (Surr)	98		73 - 120		05/16/13 19:54	1

TestAmerica Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38005-1
 SDG: 480-38005

Client Sample ID: TMW-2D 050813

Date Collected: 05/08/13 12:00

Date Received: 05/09/13 09:30

Lab Sample ID: 480-38005-12

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	4.1	ug/L			05/17/13 13:47	5
1,1,2,2-Tetrachloroethane	ND		5.0	1.1	ug/L			05/17/13 13:47	5
1,1,2-Trichloroethane	ND		5.0	1.2	ug/L			05/17/13 13:47	5
1,1-Dichloroethane	ND		5.0	1.9	ug/L			05/17/13 13:47	5
1,1-Dichloroethene	ND		5.0	1.5	ug/L			05/17/13 13:47	5
1,2-Dichloroethane	ND		5.0	1.1	ug/L			05/17/13 13:47	5
1,2-Dichloropropane	ND		5.0	3.6	ug/L			05/17/13 13:47	5
2-Hexanone	ND		25	6.2	ug/L			05/17/13 13:47	5
2-Butanone (MEK)	ND		50	6.6	ug/L			05/17/13 13:47	5
4-Methyl-2-pentanone (MIBK)	ND		25	11	ug/L			05/17/13 13:47	5
Acetone	ND		50	15	ug/L			05/17/13 13:47	5
Benzene	2.3 J		5.0	2.1	ug/L			05/17/13 13:47	5
Bromodichloromethane	ND		5.0	2.0	ug/L			05/17/13 13:47	5
Bromoform	ND		5.0	1.3	ug/L			05/17/13 13:47	5
Bromomethane	ND		5.0	3.5	ug/L			05/17/13 13:47	5
Carbon disulfide	ND		5.0	0.95	ug/L			05/17/13 13:47	5
Carbon tetrachloride	ND		5.0	1.4	ug/L			05/17/13 13:47	5
Chlorobenzene	ND		5.0	3.8	ug/L			05/17/13 13:47	5
Dibromochloromethane	ND		5.0	1.6	ug/L			05/17/13 13:47	5
Chloroethane	ND		5.0	1.6	ug/L			05/17/13 13:47	5
Chloroform	ND		5.0	1.7	ug/L			05/17/13 13:47	5
Chloromethane	ND		5.0	1.8	ug/L			05/17/13 13:47	5
cis-1,2-Dichloroethene	340		5.0	4.1	ug/L			05/17/13 13:47	5
cis-1,3-Dichloropropene	ND		5.0	1.8	ug/L			05/17/13 13:47	5
Ethylbenzene	ND		5.0	3.7	ug/L			05/17/13 13:47	5
Methylene Chloride	ND		5.0	2.2	ug/L			05/17/13 13:47	5
Styrene	ND		5.0	3.7	ug/L			05/17/13 13:47	5
Tetrachloroethene	ND		5.0	1.8	ug/L			05/17/13 13:47	5
Toluene	ND		5.0	2.6	ug/L			05/17/13 13:47	5
trans-1,2-Dichloroethene	110		5.0	4.5	ug/L			05/17/13 13:47	5
trans-1,3-Dichloropropene	ND		5.0	1.9	ug/L			05/17/13 13:47	5
Trichloroethene	2.9 J		5.0	2.3	ug/L			05/17/13 13:47	5
Vinyl chloride	39		5.0	4.5	ug/L			05/17/13 13:47	5
Xylenes, Total	ND		10	3.3	ug/L			05/17/13 13:47	5
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101			66 - 137				05/17/13 13:47	5
Toluene-d8 (Surr)	97			71 - 126				05/17/13 13:47	5
4-Bromofluorobenzene (Surr)	98			73 - 120				05/17/13 13:47	5

TestAmerica Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38005-1
 SDG: 480-38005

Client Sample ID: AF-2P 050813

Date Collected: 05/08/13 12:30

Date Received: 05/09/13 09:30

Lab Sample ID: 480-38005-13

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	2.2		1.0	0.82	ug/L		05/16/13 20:44		1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L		05/16/13 20:44		1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L		05/16/13 20:44		1
1,1-Dichloroethane	7.1		1.0	0.38	ug/L		05/16/13 20:44		1
1,1-Dichloroethene	ND		1.0	0.29	ug/L		05/16/13 20:44		1
1,2-Dichloroethane	ND		1.0	0.21	ug/L		05/16/13 20:44		1
1,2-Dichloropropane	ND		1.0	0.72	ug/L		05/16/13 20:44		1
2-Hexanone	ND		5.0	1.2	ug/L		05/16/13 20:44		1
2-Butanone (MEK)	ND		10	1.3	ug/L		05/16/13 20:44		1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L		05/16/13 20:44		1
Acetone	4.0	J	10	3.0	ug/L		05/16/13 20:44		1
Benzene	ND		1.0	0.41	ug/L		05/16/13 20:44		1
Bromodichloromethane	ND		1.0	0.39	ug/L		05/16/13 20:44		1
Bromoform	ND		1.0	0.26	ug/L		05/16/13 20:44		1
Bromomethane	ND		1.0	0.69	ug/L		05/16/13 20:44		1
Carbon disulfide	ND		1.0	0.19	ug/L		05/16/13 20:44		1
Carbon tetrachloride	ND		1.0	0.27	ug/L		05/16/13 20:44		1
Chlorobenzene	ND		1.0	0.75	ug/L		05/16/13 20:44		1
Dibromochloromethane	ND		1.0	0.32	ug/L		05/16/13 20:44		1
Chloroethane	ND		1.0	0.32	ug/L		05/16/13 20:44		1
Chloroform	ND		1.0	0.34	ug/L		05/16/13 20:44		1
Chloromethane	ND		1.0	0.35	ug/L		05/16/13 20:44		1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L		05/16/13 20:44		1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L		05/16/13 20:44		1
Ethylbenzene	ND		1.0	0.74	ug/L		05/16/13 20:44		1
Methylene Chloride	ND		1.0	0.44	ug/L		05/16/13 20:44		1
Styrene	ND		1.0	0.73	ug/L		05/16/13 20:44		1
Tetrachloroethene	ND		1.0	0.36	ug/L		05/16/13 20:44		1
Toluene	ND		1.0	0.51	ug/L		05/16/13 20:44		1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L		05/16/13 20:44		1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L		05/16/13 20:44		1
Trichloroethene	37		1.0	0.46	ug/L		05/16/13 20:44		1
Vinyl chloride	ND		1.0	0.90	ug/L		05/16/13 20:44		1
Xylenes, Total	ND		2.0	0.66	ug/L		05/16/13 20:44		1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102			66 - 137			05/16/13 20:44		1
Toluene-d8 (Surr)	100			71 - 126			05/16/13 20:44		1
4-Bromofluorobenzene (Surr)	99			73 - 120			05/16/13 20:44		1

TestAmerica Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38005-1
 SDG: 480-38005

Client Sample ID: AF-3P 050813

Date Collected: 05/08/13 12:40

Date Received: 05/09/13 09:30

Lab Sample ID: 480-38005-14

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	51		1.0	0.82	ug/L		05/21/13 00:59		1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L		05/21/13 00:59		1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L		05/21/13 00:59		1
1,1-Dichloroethane	5.9		1.0	0.38	ug/L		05/21/13 00:59		1
1,1-Dichloroethene	6.4		1.0	0.29	ug/L		05/21/13 00:59		1
1,2-Dichloroethane	ND		1.0	0.21	ug/L		05/21/13 00:59		1
1,2-Dichloropropane	ND		1.0	0.72	ug/L		05/21/13 00:59		1
2-Hexanone	ND		5.0	1.2	ug/L		05/21/13 00:59		1
2-Butanone (MEK)	ND		10	1.3	ug/L		05/21/13 00:59		1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L		05/21/13 00:59		1
Acetone	7.0	J	10	3.0	ug/L		05/21/13 00:59		1
Benzene	ND		1.0	0.41	ug/L		05/21/13 00:59		1
Bromodichloromethane	ND		1.0	0.39	ug/L		05/21/13 00:59		1
Bromoform	ND		1.0	0.26	ug/L		05/21/13 00:59		1
Bromomethane	ND		1.0	0.69	ug/L		05/21/13 00:59		1
Carbon disulfide	ND		1.0	0.19	ug/L		05/21/13 00:59		1
Carbon tetrachloride	ND		1.0	0.27	ug/L		05/21/13 00:59		1
Chlorobenzene	ND		1.0	0.75	ug/L		05/21/13 00:59		1
Dibromochloromethane	ND		1.0	0.32	ug/L		05/21/13 00:59		1
Chloroethane	ND		1.0	0.32	ug/L		05/21/13 00:59		1
Chloroform	1.7		1.0	0.34	ug/L		05/21/13 00:59		1
Chloromethane	ND		1.0	0.35	ug/L		05/21/13 00:59		1
cis-1,2-Dichloroethene	6.5		1.0	0.81	ug/L		05/21/13 00:59		1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L		05/21/13 00:59		1
Ethylbenzene	ND		1.0	0.74	ug/L		05/21/13 00:59		1
Methylene Chloride	ND		1.0	0.44	ug/L		05/21/13 00:59		1
Styrene	ND		1.0	0.73	ug/L		05/21/13 00:59		1
Tetrachloroethene	8.3		1.0	0.36	ug/L		05/21/13 00:59		1
Toluene	ND		1.0	0.51	ug/L		05/21/13 00:59		1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L		05/21/13 00:59		1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L		05/21/13 00:59		1
Trichloroethene	100		1.0	0.46	ug/L		05/21/13 00:59		1
Vinyl chloride	ND		1.0	0.90	ug/L		05/21/13 00:59		1
Xylenes, Total	ND		2.0	0.66	ug/L		05/21/13 00:59		1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102			66 - 137			05/21/13 00:59		1
Toluene-d8 (Surr)	100			71 - 126			05/21/13 00:59		1
4-Bromofluorobenzene (Surr)	95			73 - 120			05/21/13 00:59		1

TestAmerica Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38005-1
 SDG: 480-38005

Client Sample ID: AF-24P 050813

Date Collected: 05/08/13 12:55

Date Received: 05/09/13 09:30

Lab Sample ID: 480-38005-15

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	330		5.0	4.1	ug/L		05/17/13 14:12		5
1,1,2,2-Tetrachloroethane	ND		5.0	1.1	ug/L		05/17/13 14:12		5
1,1,2-Trichloroethane	ND		5.0	1.2	ug/L		05/17/13 14:12		5
1,1-Dichloroethane	120		5.0	1.9	ug/L		05/17/13 14:12		5
1,1-Dichloroethene	46		5.0	1.5	ug/L		05/17/13 14:12		5
1,2-Dichloroethane	ND		5.0	1.1	ug/L		05/17/13 14:12		5
1,2-Dichloropropane	ND		5.0	3.6	ug/L		05/17/13 14:12		5
2-Hexanone	ND		25	6.2	ug/L		05/17/13 14:12		5
2-Butanone (MEK)	ND		50	6.6	ug/L		05/17/13 14:12		5
4-Methyl-2-pentanone (MIBK)	ND		25	11	ug/L		05/17/13 14:12		5
Acetone	ND		50	15	ug/L		05/17/13 14:12		5
Benzene	ND		5.0	2.1	ug/L		05/17/13 14:12		5
Bromodichloromethane	ND		5.0	2.0	ug/L		05/17/13 14:12		5
Bromoform	ND		5.0	1.3	ug/L		05/17/13 14:12		5
Bromomethane	ND		5.0	3.5	ug/L		05/17/13 14:12		5
Carbon disulfide	ND		5.0	0.95	ug/L		05/17/13 14:12		5
Carbon tetrachloride	ND		5.0	1.4	ug/L		05/17/13 14:12		5
Chlorobenzene	ND		5.0	3.8	ug/L		05/17/13 14:12		5
Dibromochloromethane	ND		5.0	1.6	ug/L		05/17/13 14:12		5
Chloroethane	ND		5.0	1.6	ug/L		05/17/13 14:12		5
Chloroform	ND		5.0	1.7	ug/L		05/17/13 14:12		5
Chloromethane	ND		5.0	1.8	ug/L		05/17/13 14:12		5
cis-1,2-Dichloroethene	230		5.0	4.1	ug/L		05/17/13 14:12		5
cis-1,3-Dichloropropene	ND		5.0	1.8	ug/L		05/17/13 14:12		5
Ethylbenzene	ND		5.0	3.7	ug/L		05/17/13 14:12		5
Methylene Chloride	ND		5.0	2.2	ug/L		05/17/13 14:12		5
Styrene	ND		5.0	3.7	ug/L		05/17/13 14:12		5
Tetrachloroethene	5.6		5.0	1.8	ug/L		05/17/13 14:12		5
Toluene	ND		5.0	2.6	ug/L		05/17/13 14:12		5
trans-1,2-Dichloroethene	ND		5.0	4.5	ug/L		05/17/13 14:12		5
trans-1,3-Dichloropropene	ND		5.0	1.9	ug/L		05/17/13 14:12		5
Trichloroethene	260		5.0	2.3	ug/L		05/17/13 14:12		5
Vinyl chloride	ND		5.0	4.5	ug/L		05/17/13 14:12		5
Xylenes, Total	ND		10	3.3	ug/L		05/17/13 14:12		5
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101			66 - 137			05/17/13 14:12		5
Toluene-d8 (Surr)	99			71 - 126			05/17/13 14:12		5
4-Bromofluorobenzene (Surr)	101			73 - 120			05/17/13 14:12		5

TestAmerica Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38005-1
 SDG: 480-38005

Client Sample ID: AF-23P 050813

Date Collected: 05/08/13 13:05

Date Received: 05/09/13 09:30

Lab Sample ID: 480-38005-16

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/17/13 14:38	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/17/13 14:38	1
1,1-Dichloroethane	47		1.0	0.38	ug/L			05/17/13 14:38	1
1,1-Dichloroethene	12		1.0	0.29	ug/L			05/17/13 14:38	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/17/13 14:38	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/17/13 14:38	1
2-Hexanone	ND		5.0	1.2	ug/L			05/17/13 14:38	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/17/13 14:38	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/17/13 14:38	1
Acetone	3.5 J		10	3.0	ug/L			05/17/13 14:38	1
Benzene	ND		1.0	0.41	ug/L			05/17/13 14:38	1
Bromodichloromethane	ND		1.0	0.39	ug/L			05/17/13 14:38	1
Bromoform	ND		1.0	0.26	ug/L			05/17/13 14:38	1
Bromomethane	ND		1.0	0.69	ug/L			05/17/13 14:38	1
Carbon disulfide	ND		1.0	0.19	ug/L			05/17/13 14:38	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/17/13 14:38	1
Chlorobenzene	ND		1.0	0.75	ug/L			05/17/13 14:38	1
Dibromochloromethane	ND		1.0	0.32	ug/L			05/17/13 14:38	1
Chloroethane	ND		1.0	0.32	ug/L			05/17/13 14:38	1
Chloroform	4.1		1.0	0.34	ug/L			05/17/13 14:38	1
Chloromethane	ND		1.0	0.35	ug/L			05/17/13 14:38	1
cis-1,2-Dichloroethene	14		1.0	0.81	ug/L			05/17/13 14:38	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			05/17/13 14:38	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/17/13 14:38	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/17/13 14:38	1
Styrene	ND		1.0	0.73	ug/L			05/17/13 14:38	1
Tetrachloroethene	4.7		1.0	0.36	ug/L			05/17/13 14:38	1
Toluene	ND		1.0	0.51	ug/L			05/17/13 14:38	1
trans-1,2-Dichloroethene	0.91 J		1.0	0.90	ug/L			05/17/13 14:38	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			05/17/13 14:38	1
Vinyl chloride	ND		1.0	0.90	ug/L			05/17/13 14:38	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/17/13 14:38	1

Surrogate

	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		66 - 137		05/17/13 14:38	1
Toluene-d8 (Surr)	103		71 - 126		05/17/13 14:38	1
4-Bromofluorobenzene (Surr)	106		73 - 120		05/17/13 14:38	1

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	240		5.0	4.1	ug/L			05/18/13 14:01	5
Trichloroethene	290		5.0	2.3	ug/L			05/18/13 14:01	5
Surrogate									
1,2-Dichloroethane-d4 (Surr)	97		66 - 137					05/18/13 14:01	5
Toluene-d8 (Surr)	99		71 - 126					05/18/13 14:01	5
4-Bromofluorobenzene (Surr)	101		73 - 120					05/18/13 14:01	5

TestAmerica Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38005-1
 SDG: 480-38005

Client Sample ID: AOCLDMW-1S 050813

Lab Sample ID: 480-38005-17

Date Collected: 05/08/13 13:25

Matrix: Water

Date Received: 05/09/13 09:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/17/13 15:03	1
1,1,2-Trichloroethane	0.71	J	1.0	0.23	ug/L			05/17/13 15:03	1
1,1-Dichloroethane	25		1.0	0.38	ug/L			05/17/13 15:03	1
1,1-Dichloroethene	14		1.0	0.29	ug/L			05/17/13 15:03	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/17/13 15:03	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/17/13 15:03	1
2-Hexanone	ND		5.0	1.2	ug/L			05/17/13 15:03	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/17/13 15:03	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/17/13 15:03	1
Acetone	7.3	J	10	3.0	ug/L			05/17/13 15:03	1
Benzene	ND		1.0	0.41	ug/L			05/17/13 15:03	1
Bromodichloromethane	ND		1.0	0.39	ug/L			05/17/13 15:03	1
Bromoform	ND		1.0	0.26	ug/L			05/17/13 15:03	1
Bromomethane	ND		1.0	0.69	ug/L			05/17/13 15:03	1
Carbon disulfide	ND		1.0	0.19	ug/L			05/17/13 15:03	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/17/13 15:03	1
Chlorobenzene	ND		1.0	0.75	ug/L			05/17/13 15:03	1
Dibromochloromethane	ND		1.0	0.32	ug/L			05/17/13 15:03	1
Chloroethane	0.74	J	1.0	0.32	ug/L			05/17/13 15:03	1
Chloroform	3.2		1.0	0.34	ug/L			05/17/13 15:03	1
Chloromethane	ND		1.0	0.35	ug/L			05/17/13 15:03	1
cis-1,2-Dichloroethene	5.2		1.0	0.81	ug/L			05/17/13 15:03	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			05/17/13 15:03	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/17/13 15:03	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/17/13 15:03	1
Styrene	ND		1.0	0.73	ug/L			05/17/13 15:03	1
Tetrachloroethene	2.3		1.0	0.36	ug/L			05/17/13 15:03	1
Toluene	ND		1.0	0.51	ug/L			05/17/13 15:03	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			05/17/13 15:03	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			05/17/13 15:03	1
Vinyl chloride	ND		1.0	0.90	ug/L			05/17/13 15:03	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/17/13 15:03	1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101			66 - 137				05/17/13 15:03	1
Toluene-d8 (Surr)	100			71 - 126				05/17/13 15:03	1
4-Bromofluorobenzene (Surr)	101			73 - 120				05/17/13 15:03	1

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	410		8.0	6.6	ug/L			05/18/13 14:26	8
Trichloroethene	340		8.0	3.7	ug/L			05/18/13 14:26	8
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97			66 - 137				05/18/13 14:26	8
Toluene-d8 (Surr)	99			71 - 126				05/18/13 14:26	8
4-Bromofluorobenzene (Surr)	103			73 - 120				05/18/13 14:26	8

TestAmerica Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38005-1
 SDG: 480-38005

Client Sample ID: AOCPTMW-2S 050813

Lab Sample ID: 480-38005-18

Date Collected: 05/08/13 13:45
 Date Received: 05/09/13 09:30

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	27		1.0	0.82	ug/L			05/17/13 15:28	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/17/13 15:28	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/17/13 15:28	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			05/17/13 15:28	1
1,1-Dichloroethene	0.59 J		1.0	0.29	ug/L			05/17/13 15:28	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/17/13 15:28	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/17/13 15:28	1
2-Hexanone	ND		5.0	1.2	ug/L			05/17/13 15:28	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/17/13 15:28	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/17/13 15:28	1
Acetone	4.6 J		10	3.0	ug/L			05/17/13 15:28	1
Benzene	ND		1.0	0.41	ug/L			05/17/13 15:28	1
Bromodichloromethane	ND		1.0	0.39	ug/L			05/17/13 15:28	1
Bromoform	ND		1.0	0.26	ug/L			05/17/13 15:28	1
Bromomethane	ND		1.0	0.69	ug/L			05/17/13 15:28	1
Carbon disulfide	ND		1.0	0.19	ug/L			05/17/13 15:28	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/17/13 15:28	1
Chlorobenzene	ND		1.0	0.75	ug/L			05/17/13 15:28	1
Dibromochloromethane	ND		1.0	0.32	ug/L			05/17/13 15:28	1
Chloroethane	ND		1.0	0.32	ug/L			05/17/13 15:28	1
Chloroform	ND		1.0	0.34	ug/L			05/17/13 15:28	1
Chloromethane	ND		1.0	0.35	ug/L			05/17/13 15:28	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			05/17/13 15:28	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			05/17/13 15:28	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/17/13 15:28	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/17/13 15:28	1
Styrene	ND		1.0	0.73	ug/L			05/17/13 15:28	1
Tetrachloroethene	ND		1.0	0.36	ug/L			05/17/13 15:28	1
Toluene	ND		1.0	0.51	ug/L			05/17/13 15:28	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			05/17/13 15:28	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			05/17/13 15:28	1
Trichloroethene	7.6		1.0	0.46	ug/L			05/17/13 15:28	1
Vinyl chloride	ND		1.0	0.90	ug/L			05/17/13 15:28	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/17/13 15:28	1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103			66 - 137				05/17/13 15:28	1
Toluene-d8 (Surr)	99			71 - 126				05/17/13 15:28	1
4-Bromofluorobenzene (Surr)	101			73 - 120				05/17/13 15:28	1

TestAmerica Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38005-1
 SDG: 480-38005

Client Sample ID: OSMW-4S 050813

Lab Sample ID: 480-38005-19

Matrix: Water

Date Collected: 05/08/13 14:15
 Date Received: 05/09/13 09:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			05/17/13 15:53	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/17/13 15:53	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/17/13 15:53	1
1,1-Dichloroethane	0.86	J	1.0	0.38	ug/L			05/17/13 15:53	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			05/17/13 15:53	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/17/13 15:53	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/17/13 15:53	1
2-Hexanone	ND		5.0	1.2	ug/L			05/17/13 15:53	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/17/13 15:53	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/17/13 15:53	1
Acetone	ND		10	3.0	ug/L			05/17/13 15:53	1
Benzene	ND		1.0	0.41	ug/L			05/17/13 15:53	1
Bromodichloromethane	ND		1.0	0.39	ug/L			05/17/13 15:53	1
Bromoform	ND		1.0	0.26	ug/L			05/17/13 15:53	1
Bromomethane	ND		1.0	0.69	ug/L			05/17/13 15:53	1
Carbon disulfide	ND		1.0	0.19	ug/L			05/17/13 15:53	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/17/13 15:53	1
Chlorobenzene	ND		1.0	0.75	ug/L			05/17/13 15:53	1
Dibromochloromethane	ND		1.0	0.32	ug/L			05/17/13 15:53	1
Chloroethane	ND		1.0	0.32	ug/L			05/17/13 15:53	1
Chloroform	ND		1.0	0.34	ug/L			05/17/13 15:53	1
Chloromethane	ND		1.0	0.35	ug/L			05/17/13 15:53	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			05/17/13 15:53	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			05/17/13 15:53	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/17/13 15:53	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/17/13 15:53	1
Styrene	ND		1.0	0.73	ug/L			05/17/13 15:53	1
Tetrachloroethene	ND		1.0	0.36	ug/L			05/17/13 15:53	1
Toluene	ND		1.0	0.51	ug/L			05/17/13 15:53	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			05/17/13 15:53	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			05/17/13 15:53	1
Trichloroethene	0.65	J	1.0	0.46	ug/L			05/17/13 15:53	1
Vinyl chloride	1.3		1.0	0.90	ug/L			05/17/13 15:53	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/17/13 15:53	1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102			66 - 137				05/17/13 15:53	1
Toluene-d8 (Surr)	99			71 - 126				05/17/13 15:53	1
4-Bromofluorobenzene (Surr)	100			73 - 120				05/17/13 15:53	1

TestAmerica Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38005-1
 SDG: 480-38005

Client Sample ID: OSMW-4D 050813

Lab Sample ID: 480-38005-20

Date Collected: 05/08/13 14:20

Matrix: Water

Date Received: 05/09/13 09:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			05/17/13 16:19	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/17/13 16:19	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/17/13 16:19	1
1,1-Dichloroethane	8.7		1.0	0.38	ug/L			05/17/13 16:19	1
1,1-Dichloroethene	1.5		1.0	0.29	ug/L			05/17/13 16:19	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/17/13 16:19	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/17/13 16:19	1
2-Hexanone	ND		5.0	1.2	ug/L			05/17/13 16:19	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/17/13 16:19	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/17/13 16:19	1
Acetone	ND		10	3.0	ug/L			05/17/13 16:19	1
Benzene	ND		1.0	0.41	ug/L			05/17/13 16:19	1
Bromodichloromethane	ND		1.0	0.39	ug/L			05/17/13 16:19	1
Bromoform	ND		1.0	0.26	ug/L			05/17/13 16:19	1
Bromomethane	ND		1.0	0.69	ug/L			05/17/13 16:19	1
Carbon disulfide	ND		1.0	0.19	ug/L			05/17/13 16:19	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/17/13 16:19	1
Chlorobenzene	ND		1.0	0.75	ug/L			05/17/13 16:19	1
Dibromochloromethane	ND		1.0	0.32	ug/L			05/17/13 16:19	1
Chloroethane	ND		1.0	0.32	ug/L			05/17/13 16:19	1
Chloroform	ND		1.0	0.34	ug/L			05/17/13 16:19	1
Chloromethane	ND		1.0	0.35	ug/L			05/17/13 16:19	1
cis-1,2-Dichloroethene	39		1.0	0.81	ug/L			05/17/13 16:19	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			05/17/13 16:19	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/17/13 16:19	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/17/13 16:19	1
Styrene	ND		1.0	0.73	ug/L			05/17/13 16:19	1
Tetrachloroethene	ND		1.0	0.36	ug/L			05/17/13 16:19	1
Toluene	ND		1.0	0.51	ug/L			05/17/13 16:19	1
trans-1,2-Dichloroethene	12		1.0	0.90	ug/L			05/17/13 16:19	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			05/17/13 16:19	1
Trichloroethene	ND		1.0	0.46	ug/L			05/17/13 16:19	1
Vinyl chloride	50		1.0	0.90	ug/L			05/17/13 16:19	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/17/13 16:19	1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93			66 - 137				05/17/13 16:19	1
Toluene-d8 (Surr)	92			71 - 126				05/17/13 16:19	1
4-Bromofluorobenzene (Surr)	92			73 - 120				05/17/13 16:19	1

TestAmerica Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38005-1
 SDG: 480-38005

Client Sample ID: OSMW-8S 050813

Lab Sample ID: 480-38005-21

Matrix: Water

Date Collected: 05/08/13 14:45
 Date Received: 05/09/13 09:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L		05/17/13 16:44		1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L		05/17/13 16:44		1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L		05/17/13 16:44		1
1,1-Dichloroethane	3.8		1.0	0.38	ug/L		05/17/13 16:44		1
1,1-Dichloroethene	ND		1.0	0.29	ug/L		05/17/13 16:44		1
1,2-Dichloroethane	ND		1.0	0.21	ug/L		05/17/13 16:44		1
1,2-Dichloropropane	ND		1.0	0.72	ug/L		05/17/13 16:44		1
2-Hexanone	ND		5.0	1.2	ug/L		05/17/13 16:44		1
2-Butanone (MEK)	ND		10	1.3	ug/L		05/17/13 16:44		1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L		05/17/13 16:44		1
Acetone	3.4 J		10	3.0	ug/L		05/17/13 16:44		1
Benzene	ND		1.0	0.41	ug/L		05/17/13 16:44		1
Bromodichloromethane	ND		1.0	0.39	ug/L		05/17/13 16:44		1
Bromoform	ND		1.0	0.26	ug/L		05/17/13 16:44		1
Bromomethane	ND		1.0	0.69	ug/L		05/17/13 16:44		1
Carbon disulfide	ND		1.0	0.19	ug/L		05/17/13 16:44		1
Carbon tetrachloride	ND		1.0	0.27	ug/L		05/17/13 16:44		1
Chlorobenzene	ND		1.0	0.75	ug/L		05/17/13 16:44		1
Dibromochloromethane	ND		1.0	0.32	ug/L		05/17/13 16:44		1
Chloroethane	ND		1.0	0.32	ug/L		05/17/13 16:44		1
Chloroform	ND		1.0	0.34	ug/L		05/17/13 16:44		1
Chloromethane	ND		1.0	0.35	ug/L		05/17/13 16:44		1
cis-1,2-Dichloroethene	0.84 J		1.0	0.81	ug/L		05/17/13 16:44		1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L		05/17/13 16:44		1
Ethylbenzene	ND		1.0	0.74	ug/L		05/17/13 16:44		1
Methylene Chloride	ND		1.0	0.44	ug/L		05/17/13 16:44		1
Styrene	ND		1.0	0.73	ug/L		05/17/13 16:44		1
Tetrachloroethene	ND		1.0	0.36	ug/L		05/17/13 16:44		1
Toluene	ND		1.0	0.51	ug/L		05/17/13 16:44		1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L		05/17/13 16:44		1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L		05/17/13 16:44		1
Trichloroethene	ND		1.0	0.46	ug/L		05/17/13 16:44		1
Vinyl chloride	6.7		1.0	0.90	ug/L		05/17/13 16:44		1
Xylenes, Total	ND		2.0	0.66	ug/L		05/17/13 16:44		1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99			66 - 137			05/17/13 16:44		1
Toluene-d8 (Surr)	98			71 - 126			05/17/13 16:44		1
4-Bromofluorobenzene (Surr)	99			73 - 120			05/17/13 16:44		1

TestAmerica Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38005-1
 SDG: 480-38005

Client Sample ID: OSMW-8D 050813

Lab Sample ID: 480-38005-22

Date Collected: 05/08/13 14:50

Matrix: Water

Date Received: 05/09/13 09:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L		05/17/13 17:10		1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L		05/17/13 17:10		1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L		05/17/13 17:10		1
1,1-Dichloroethane	ND		1.0	0.38	ug/L		05/17/13 17:10		1
1,1-Dichloroethene	ND		1.0	0.29	ug/L		05/17/13 17:10		1
1,2-Dichloroethane	ND		1.0	0.21	ug/L		05/17/13 17:10		1
1,2-Dichloropropane	ND		1.0	0.72	ug/L		05/17/13 17:10		1
2-Hexanone	ND		5.0	1.2	ug/L		05/17/13 17:10		1
2-Butanone (MEK)	ND		10	1.3	ug/L		05/17/13 17:10		1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L		05/17/13 17:10		1
Acetone	3.0	J	10	3.0	ug/L		05/17/13 17:10		1
Benzene	ND		1.0	0.41	ug/L		05/17/13 17:10		1
Bromodichloromethane	ND		1.0	0.39	ug/L		05/17/13 17:10		1
Bromoform	ND		1.0	0.26	ug/L		05/17/13 17:10		1
Bromomethane	ND		1.0	0.69	ug/L		05/17/13 17:10		1
Carbon disulfide	ND		1.0	0.19	ug/L		05/17/13 17:10		1
Carbon tetrachloride	ND		1.0	0.27	ug/L		05/17/13 17:10		1
Chlorobenzene	ND		1.0	0.75	ug/L		05/17/13 17:10		1
Dibromochloromethane	ND		1.0	0.32	ug/L		05/17/13 17:10		1
Chloroethane	ND		1.0	0.32	ug/L		05/17/13 17:10		1
Chloroform	ND		1.0	0.34	ug/L		05/17/13 17:10		1
Chloromethane	ND		1.0	0.35	ug/L		05/17/13 17:10		1
cis-1,2-Dichloroethene	1.0		1.0	0.81	ug/L		05/17/13 17:10		1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L		05/17/13 17:10		1
Ethylbenzene	ND		1.0	0.74	ug/L		05/17/13 17:10		1
Methylene Chloride	ND		1.0	0.44	ug/L		05/17/13 17:10		1
Styrene	ND		1.0	0.73	ug/L		05/17/13 17:10		1
Tetrachloroethene	ND		1.0	0.36	ug/L		05/17/13 17:10		1
Toluene	ND		1.0	0.51	ug/L		05/17/13 17:10		1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L		05/17/13 17:10		1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L		05/17/13 17:10		1
Trichloroethene	ND		1.0	0.46	ug/L		05/17/13 17:10		1
Vinyl chloride	43		1.0	0.90	ug/L		05/17/13 17:10		1
Xylenes, Total	ND		2.0	0.66	ug/L		05/17/13 17:10		1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105			66 - 137			05/17/13 17:10		1
Toluene-d8 (Surr)	100			71 - 126			05/17/13 17:10		1
4-Bromofluorobenzene (Surr)	104			73 - 120			05/17/13 17:10		1

TestAmerica Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38005-1
 SDG: 480-38005

Client Sample ID: AF-21D 050813

Date Collected: 05/08/13 15:20

Date Received: 05/09/13 09:30

Lab Sample ID: 480-38005-23

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L		05/17/13 17:35		1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L		05/17/13 17:35		1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L		05/17/13 17:35		1
1,1-Dichloroethane	ND		1.0	0.38	ug/L		05/17/13 17:35		1
1,1-Dichloroethene	ND		1.0	0.29	ug/L		05/17/13 17:35		1
1,2-Dichloroethane	ND		1.0	0.21	ug/L		05/17/13 17:35		1
1,2-Dichloropropane	ND		1.0	0.72	ug/L		05/17/13 17:35		1
2-Hexanone	ND		5.0	1.2	ug/L		05/17/13 17:35		1
2-Butanone (MEK)	ND		10	1.3	ug/L		05/17/13 17:35		1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L		05/17/13 17:35		1
Acetone	4.4 J		10	3.0	ug/L		05/17/13 17:35		1
Benzene	ND		1.0	0.41	ug/L		05/17/13 17:35		1
Bromodichloromethane	ND		1.0	0.39	ug/L		05/17/13 17:35		1
Bromoform	ND		1.0	0.26	ug/L		05/17/13 17:35		1
Bromomethane	ND		1.0	0.69	ug/L		05/17/13 17:35		1
Carbon disulfide	ND		1.0	0.19	ug/L		05/17/13 17:35		1
Carbon tetrachloride	ND		1.0	0.27	ug/L		05/17/13 17:35		1
Chlorobenzene	ND		1.0	0.75	ug/L		05/17/13 17:35		1
Dibromochloromethane	ND		1.0	0.32	ug/L		05/17/13 17:35		1
Chloroethane	ND		1.0	0.32	ug/L		05/17/13 17:35		1
Chloroform	ND		1.0	0.34	ug/L		05/17/13 17:35		1
Chloromethane	ND		1.0	0.35	ug/L		05/17/13 17:35		1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L		05/17/13 17:35		1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L		05/17/13 17:35		1
Ethylbenzene	ND		1.0	0.74	ug/L		05/17/13 17:35		1
Methylene Chloride	ND		1.0	0.44	ug/L		05/17/13 17:35		1
Styrene	ND		1.0	0.73	ug/L		05/17/13 17:35		1
Tetrachloroethene	ND		1.0	0.36	ug/L		05/17/13 17:35		1
Toluene	ND		1.0	0.51	ug/L		05/17/13 17:35		1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L		05/17/13 17:35		1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L		05/17/13 17:35		1
Trichloroethene	ND		1.0	0.46	ug/L		05/17/13 17:35		1
Vinyl chloride	ND		1.0	0.90	ug/L		05/17/13 17:35		1
Xylenes, Total	ND		2.0	0.66	ug/L		05/17/13 17:35		1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103			66 - 137			05/17/13 17:35		1
Toluene-d8 (Surr)	100			71 - 126			05/17/13 17:35		1
4-Bromofluorobenzene (Surr)	102			73 - 120			05/17/13 17:35		1

TestAmerica Buffalo

Surrogate Summary

Client: O'Brien & Gere Inc of North America
 Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38005-1
 SDG: 480-38005

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		12DCE (66-137)	TOL (71-126)	BFB (73-120)
480-38005-1	Trip Blank 050813	100	99	98
480-38005-2	AF-7P 050813	102	101	101
480-38005-3	AF-7S 050813	102	100	100
480-38005-4	AF-7D 050813	99	99	102
480-38005-4 MS	AF-7D 050813	98	100	103
480-38005-4 MSD	AF-7D 050813	99	99	102
480-38005-5	ADW-7D 050813	99	100	103
480-38005-6	OSMW-3S 050813	98	98	99
480-38005-7	OSMW-3D 050813	101	97	100
480-38005-8	TMW-1S 050813	105	99	102
480-38005-9	TMW-1D 050813	104	101	100
480-38005-10	AF-25P 050813	100	99	101
480-38005-10 - DL	AF-25P 050813	104	99	100
480-38005-11	TMW-2S 050813	112	99	98
480-38005-12	TMW-2D 050813	101	97	98
480-38005-13	AF-2P 050813	102	100	99
480-38005-14	AF-3P 050813	102	100	95
480-38005-15	AF-24P 050813	101	99	101
480-38005-16	AF-23P 050813	104	103	106
480-38005-16 - DL	AF-23P 050813	97	99	101
480-38005-17	AOCLDMW-1S 050813	101	100	101
480-38005-17 - DL	AOCLDMW-1S 050813	97	99	103
480-38005-18	AOCPSTMW-2S 050813	103	99	101
480-38005-19	OSMW-4S 050813	102	99	100
480-38005-20	OSMW-4D 050813	93	92	92
480-38005-21	OSMW-8S 050813	99	98	99
480-38005-22	OSMW-8D 050813	105	100	104
480-38005-23	AF-21D 050813	103	100	102
LCS 480-118965/4	Lab Control Sample	101	102	104
LCS 480-119180/5	Lab Control Sample	96	100	103
LCS 480-119418/5	Lab Control Sample	97	99	102
LCS 480-119666/5	Lab Control Sample	100	104	100
LCSD 480-119666/7	Lab Control Sample Dup	103	104	105
MB 480-118965/7	Method Blank	99	100	100
MB 480-119180/7	Method Blank	99	99	101
MB 480-119418/8	Method Blank	96	101	102
MB 480-119666/6	Method Blank	106	104	103

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

QC Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38005-1
SDG: 480-38005

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-118965/7

Matrix: Water

Analysis Batch: 118965

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier				
1,1,1-Trichloroethane	ND		1.0	0.82 ug/L	05/16/13 11:20	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21 ug/L	05/16/13 11:20	1
1,1,2-Trichloroethane	ND		1.0	0.23 ug/L	05/16/13 11:20	1
1,1-Dichloroethane	ND		1.0	0.38 ug/L	05/16/13 11:20	1
1,1-Dichloroethene	ND		1.0	0.29 ug/L	05/16/13 11:20	1
1,2-Dichloroethane	ND		1.0	0.21 ug/L	05/16/13 11:20	1
1,2-Dichloropropane	ND		1.0	0.72 ug/L	05/16/13 11:20	1
2-Hexanone	ND		5.0	1.2 ug/L	05/16/13 11:20	1
2-Butanone (MEK)	ND		10	1.3 ug/L	05/16/13 11:20	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1 ug/L	05/16/13 11:20	1
Acetone	ND		10	3.0 ug/L	05/16/13 11:20	1
Benzene	ND		1.0	0.41 ug/L	05/16/13 11:20	1
Bromodichloromethane	ND		1.0	0.39 ug/L	05/16/13 11:20	1
Bromoform	ND		1.0	0.26 ug/L	05/16/13 11:20	1
Bromomethane	ND		1.0	0.69 ug/L	05/16/13 11:20	1
Carbon disulfide	ND		1.0	0.19 ug/L	05/16/13 11:20	1
Carbon tetrachloride	ND		1.0	0.27 ug/L	05/16/13 11:20	1
Chlorobenzene	ND		1.0	0.75 ug/L	05/16/13 11:20	1
Dibromochloromethane	ND		1.0	0.32 ug/L	05/16/13 11:20	1
Chloroethane	ND		1.0	0.32 ug/L	05/16/13 11:20	1
Chloroform	ND		1.0	0.34 ug/L	05/16/13 11:20	1
Chloromethane	ND		1.0	0.35 ug/L	05/16/13 11:20	1
cis-1,2-Dichloroethene	ND		1.0	0.81 ug/L	05/16/13 11:20	1
cis-1,3-Dichloropropene	ND		1.0	0.36 ug/L	05/16/13 11:20	1
Ethylbenzene	ND		1.0	0.74 ug/L	05/16/13 11:20	1
Methylene Chloride	ND		1.0	0.44 ug/L	05/16/13 11:20	1
Styrene	ND		1.0	0.73 ug/L	05/16/13 11:20	1
Tetrachloroethene	ND		1.0	0.36 ug/L	05/16/13 11:20	1
Toluene	ND		1.0	0.51 ug/L	05/16/13 11:20	1
trans-1,2-Dichloroethene	ND		1.0	0.90 ug/L	05/16/13 11:20	1
trans-1,3-Dichloropropene	ND		1.0	0.37 ug/L	05/16/13 11:20	1
Trichloroethene	ND		1.0	0.46 ug/L	05/16/13 11:20	1
Vinyl chloride	ND		1.0	0.90 ug/L	05/16/13 11:20	1
Xylenes, Total	ND		2.0	0.66 ug/L	05/16/13 11:20	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	99		66 - 137		05/16/13 11:20	1
Toluene-d8 (Surr)	100		71 - 126		05/16/13 11:20	1
4-Bromofluorobenzene (Surr)	100		73 - 120		05/16/13 11:20	1

Lab Sample ID: LCS 480-118965/4

Matrix: Water

Analysis Batch: 118965

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike	LCS			%Rec.		
	Added	Result	Qualifier	Unit	D	%Rec	Limits
1,1,1-Trichloroethane	25.0	26.9		ug/L	108	73 - 126	
1,1,2,2-Tetrachloroethane	25.0	25.5		ug/L	102	70 - 126	
1,1,2-Trichloroethane	25.0	24.9		ug/L	100	76 - 122	

TestAmerica Buffalo

QC Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38005-1
 SDG: 480-38005

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-118965/4

Matrix: Water

Analysis Batch: 118965

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS		Unit	D	%Rec	Limits
		Result	Qualifier				
1,1-Dichloroethane	25.0	26.0		ug/L		104	71 - 129
1,1-Dichloroethene	25.0	27.5		ug/L		110	58 - 121
1,2-Dichloroethane	25.0	25.1		ug/L		100	75 - 127
1,2-Dichloropropane	25.0	25.5		ug/L		102	76 - 120
2-Hexanone	125	128		ug/L		102	65 - 127
2-Butanone (MEK)	125	128		ug/L		103	57 - 140
4-Methyl-2-pentanone (MIBK)	125	129		ug/L		104	71 - 125
Acetone	125	130		ug/L		104	56 - 142
Benzene	25.0	25.7		ug/L		103	71 - 124
Bromodichloromethane	25.0	25.4		ug/L		102	80 - 122
Bromoform	25.0	26.8		ug/L		107	66 - 128
Bromomethane	25.0	26.0		ug/L		104	55 - 144
Carbon disulfide	25.0	27.3		ug/L		109	59 - 134
Carbon tetrachloride	25.0	27.4		ug/L		109	72 - 134
Chlorobenzene	25.0	25.5		ug/L		102	72 - 120
Dibromochloromethane	25.0	25.7		ug/L		103	75 - 125
Chloroethane	25.0	26.6		ug/L		106	69 - 136
Chloroform	25.0	25.3		ug/L		101	73 - 127
Chloromethane	25.0	25.5		ug/L		102	68 - 124
cis-1,2-Dichloroethene	25.0	25.8		ug/L		103	74 - 124
cis-1,3-Dichloropropene	25.0	26.0		ug/L		104	74 - 124
Ethylbenzene	25.0	26.5		ug/L		106	77 - 123
Methylene Chloride	25.0	26.6		ug/L		107	57 - 132
Styrene	25.0	27.2		ug/L		109	70 - 130
Tetrachloroethene	25.0	25.9		ug/L		104	74 - 122
Toluene	25.0	25.9		ug/L		104	80 - 122
trans-1,2-Dichloroethene	25.0	26.3		ug/L		105	73 - 127
trans-1,3-Dichloropropene	25.0	25.5		ug/L		102	72 - 123
Trichloroethene	25.0	25.4		ug/L		102	74 - 123
Vinyl chloride	25.0	27.0		ug/L		108	65 - 133
Xylenes, Total	75.0	79.0		ug/L		105	76 - 122

LCS

LCS

Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	101		66 - 137
Toluene-d8 (Surr)	102		71 - 126
4-Bromofluorobenzene (Surr)	104		73 - 120

Lab Sample ID: 480-38005-4 MS

Matrix: Water

Analysis Batch: 118965

Client Sample ID: AF-7D 050813

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier				
1,1,1-Trichloroethane	ND		25.0	25.5		ug/L		102	73 - 126
1,1,2,2-Tetrachloroethane	ND		25.0	23.5		ug/L		94	70 - 126
1,1,2-Trichloroethane	ND		25.0	23.6		ug/L		94	76 - 122
1,1-Dichloroethane	ND		25.0	24.3		ug/L		97	71 - 129
1,1-Dichloroethene	ND		25.0	25.9		ug/L		103	58 - 121
1,2-Dichloroethane	ND		25.0	23.6		ug/L		94	75 - 127

TestAmerica Buffalo

QC Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38005-1
 SDG: 480-38005

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-38005-4 MS

Matrix: Water

Analysis Batch: 118965

Client Sample ID: AF-7D 050813
Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.
	Result	Qualifier	Added	Result	Qualifier				
1,2-Dichloropropane	ND		25.0	24.2		ug/L		97	76 - 120
2-Hexanone	ND		125	142		ug/L		113	65 - 127
2-Butanone (MEK)	ND		125	141		ug/L		113	57 - 140
4-Methyl-2-pentanone (MIBK)	ND		125	144		ug/L		115	71 - 125
Acetone	ND		125	136		ug/L		108	56 - 142
Benzene	ND		25.0	24.1		ug/L		96	71 - 124
Bromodichloromethane	ND		25.0	24.1		ug/L		96	80 - 122
Bromoform	ND		25.0	24.8		ug/L		99	66 - 128
Bromomethane	ND		25.0	24.9		ug/L		100	55 - 144
Carbon disulfide	ND		25.0	31.2		ug/L		125	59 - 134
Carbon tetrachloride	ND		25.0	25.8		ug/L		103	72 - 134
Chlorobenzene	ND		25.0	24.2		ug/L		97	72 - 120
Dibromochloromethane	ND		25.0	24.4		ug/L		97	75 - 125
Chloroethane	ND		25.0	25.6		ug/L		102	69 - 136
Chloroform	ND		25.0	23.4		ug/L		94	73 - 127
Chloromethane	ND		25.0	24.4		ug/L		98	68 - 124
cis-1,2-Dichloroethene	ND		25.0	24.5		ug/L		98	74 - 124
cis-1,3-Dichloropropene	ND		25.0	23.8		ug/L		95	74 - 124
Ethylbenzene	ND		25.0	24.9		ug/L		99	77 - 123
Methylene Chloride	ND		25.0	24.8		ug/L		99	57 - 132
Styrene	ND		25.0	25.4		ug/L		101	70 - 130
Tetrachloroethene	ND		25.0	25.2		ug/L		101	74 - 122
Toluene	ND		25.0	24.2		ug/L		97	80 - 122
trans-1,2-Dichloroethene	ND		25.0	24.4		ug/L		97	73 - 127
trans-1,3-Dichloropropene	ND		25.0	23.6		ug/L		94	72 - 123
Trichloroethene	ND		25.0	23.7		ug/L		95	74 - 123
Vinyl chloride	ND		25.0	25.7		ug/L		103	65 - 133
Xylenes, Total	ND		75.0	75.2		ug/L		100	76 - 122

MS MS

Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	98		66 - 137
Toluene-d8 (Surr)	100		71 - 126
4-Bromofluorobenzene (Surr)	103		73 - 120

Lab Sample ID: 480-38005-4 MSD

Matrix: Water

Analysis Batch: 118965

Client Sample ID: AF-7D 050813
Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
1,1,1-Trichloroethane	ND		25.0	26.8		ug/L		107	73 - 126	5	15
1,1,2,2-Tetrachloroethane	ND		25.0	24.3		ug/L		97	70 - 126	3	15
1,1,2-Trichloroethane	ND		25.0	24.3		ug/L		97	76 - 122	3	15
1,1-Dichloroethane	ND		25.0	25.6		ug/L		102	71 - 129	5	20
1,1-Dichloroethene	ND		25.0	26.9		ug/L		108	58 - 121	4	16
1,2-Dichloroethane	ND		25.0	25.0		ug/L		100	75 - 127	6	20
1,2-Dichloropropane	ND		25.0	25.4		ug/L		102	76 - 120	5	20
2-Hexanone	ND		125	128		ug/L		103	65 - 127	10	15
2-Butanone (MEK)	ND		125	127		ug/L		102	57 - 140	10	20

TestAmerica Buffalo

QC Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38005-1
 SDG: 480-38005

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-38005-4 MSD

Client Sample ID: AF-7D 050813

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 118965

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	Limits	RPD	RPD Limit
	Result	Qualifier	Added	Result	Qualifier						
4-Methyl-2-pentanone (MIBK)	ND		125	129		ug/L		103	71 - 125	11	35
Acetone	ND		125	122		ug/L		98	56 - 142	10	15
Benzene	ND		25.0	25.3		ug/L		101	71 - 124	5	13
Bromodichloromethane	ND		25.0	25.6		ug/L		102	80 - 122	6	15
Bromoform	ND		25.0	25.7		ug/L		103	66 - 128	4	15
Bromomethane	ND		25.0	25.2		ug/L		101	55 - 144	1	15
Carbon disulfide	ND		25.0	29.7		ug/L		119	59 - 134	5	15
Carbon tetrachloride	ND		25.0	27.3		ug/L		109	72 - 134	6	15
Chlorobenzene	ND		25.0	25.0		ug/L		100	72 - 120	3	25
Dibromochloromethane	ND		25.0	25.6		ug/L		102	75 - 125	5	15
Chloroethane	ND		25.0	25.9		ug/L		103	69 - 136	1	15
Chloroform	ND		25.0	24.9		ug/L		100	73 - 127	6	20
Chloromethane	ND		25.0	26.0		ug/L		104	68 - 124	6	15
cis-1,2-Dichloroethene	ND		25.0	25.5		ug/L		102	74 - 124	4	15
cis-1,3-Dichloropropene	ND		25.0	25.3		ug/L		101	74 - 124	6	15
Ethylbenzene	ND		25.0	25.4		ug/L		102	77 - 123	2	15
Methylene Chloride	ND		25.0	26.3		ug/L		105	57 - 132	6	15
Styrene	ND		25.0	26.3		ug/L		105	70 - 130	4	20
Tetrachloroethene	ND		25.0	25.4		ug/L		102	74 - 122	1	20
Toluene	ND		25.0	24.8		ug/L		99	80 - 122	3	15
trans-1,2-Dichloroethene	ND		25.0	26.0		ug/L		104	73 - 127	7	20
trans-1,3-Dichloropropene	ND		25.0	25.1		ug/L		100	72 - 123	6	15
Trichloroethene	ND		25.0	24.6		ug/L		99	74 - 123	4	16
Vinyl chloride	ND		25.0	29.2		ug/L		117	65 - 133	13	15
Xylenes, Total	ND		75.0	77.0		ug/L		103	76 - 122	2	16

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	99		66 - 137
Toluene-d8 (Surr)	99		71 - 126
4-Bromofluorobenzene (Surr)	102		73 - 120

Lab Sample ID: MB 480-119180/7

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 119180

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			05/17/13 11:34	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/17/13 11:34	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/17/13 11:34	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			05/17/13 11:34	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			05/17/13 11:34	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/17/13 11:34	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/17/13 11:34	1
2-Hexanone	ND		5.0	1.2	ug/L			05/17/13 11:34	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/17/13 11:34	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/17/13 11:34	1
Acetone	ND		10	3.0	ug/L			05/17/13 11:34	1
Benzene	ND		1.0	0.41	ug/L			05/17/13 11:34	1

TestAmerica Buffalo

QC Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38005-1
 SDG: 480-38005

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-119180/7

Matrix: Water

Analysis Batch: 119180

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	ND	ND									
Bromodichloromethane	ND	ND			1.0	0.39	ug/L			05/17/13 11:34	1
Bromoform	ND	ND			1.0	0.26	ug/L			05/17/13 11:34	1
Bromomethane	ND	ND			1.0	0.69	ug/L			05/17/13 11:34	1
Carbon disulfide	ND	ND			1.0	0.19	ug/L			05/17/13 11:34	1
Carbon tetrachloride	ND	ND			1.0	0.27	ug/L			05/17/13 11:34	1
Chlorobenzene	ND	ND			1.0	0.75	ug/L			05/17/13 11:34	1
Dibromochloromethane	ND	ND			1.0	0.32	ug/L			05/17/13 11:34	1
Chloroethane	ND	ND			1.0	0.32	ug/L			05/17/13 11:34	1
Chloroform	ND	ND			1.0	0.34	ug/L			05/17/13 11:34	1
Chloromethane	ND	ND			1.0	0.35	ug/L			05/17/13 11:34	1
cis-1,2-Dichloroethene	ND	ND			1.0	0.81	ug/L			05/17/13 11:34	1
cis-1,3-Dichloropropene	ND	ND			1.0	0.36	ug/L			05/17/13 11:34	1
Ethylbenzene	ND	ND			1.0	0.74	ug/L			05/17/13 11:34	1
Methylene Chloride	ND	ND			1.0	0.44	ug/L			05/17/13 11:34	1
Styrene	ND	ND			1.0	0.73	ug/L			05/17/13 11:34	1
Tetrachloroethene	ND	ND			1.0	0.36	ug/L			05/17/13 11:34	1
Toluene	ND	ND			1.0	0.51	ug/L			05/17/13 11:34	1
trans-1,2-Dichloroethene	ND	ND			1.0	0.90	ug/L			05/17/13 11:34	1
trans-1,3-Dichloropropene	ND	ND			1.0	0.37	ug/L			05/17/13 11:34	1
Trichloroethene	ND	ND			1.0	0.46	ug/L			05/17/13 11:34	1
Vinyl chloride	ND	ND			1.0	0.90	ug/L			05/17/13 11:34	1
Xylenes, Total	ND	ND			2.0	0.66	ug/L			05/17/13 11:34	1

MB MB

Surrogate	MB	MB	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
	99	99						
1,2-Dichloroethane-d4 (Surr)	99	99	66 - 137				05/17/13 11:34	1
Toluene-d8 (Surr)	99	99	71 - 126				05/17/13 11:34	1
4-Bromofluorobenzene (Surr)	101	101	73 - 120				05/17/13 11:34	1

Lab Sample ID: LCS 480-119180/5

Matrix: Water

Analysis Batch: 119180

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LC S	LC S	Unit	D	%Rec	Limits
		Result	Qualifier				
1,1,1-Trichloroethane	25.0	25.5		ug/L		102	73 - 126
1,1,2,2-Tetrachloroethane	25.0	24.3		ug/L		97	70 - 126
1,1,2-Trichloroethane	25.0	24.3		ug/L		97	76 - 122
1,1-Dichloroethane	25.0	24.9		ug/L		100	71 - 129
1,1-Dichloroethene	25.0	25.2		ug/L		101	58 - 121
1,2-Dichloroethane	25.0	24.4		ug/L		98	75 - 127
1,2-Dichloropropane	25.0	25.0		ug/L		100	76 - 120
2-Hexanone	125	122		ug/L		97	65 - 127
2-Butanone (MEK)	125	121		ug/L		97	57 - 140
4-Methyl-2-pentanone (MIBK)	125	125		ug/L		100	71 - 125
Acetone	125	121		ug/L		97	56 - 142
Benzene	25.0	24.8		ug/L		99	71 - 124
Bromodichloromethane	25.0	24.7		ug/L		99	80 - 122
Bromoform	25.0	25.2		ug/L		101	66 - 128
Bromomethane	25.0	25.0		ug/L		100	55 - 144

TestAmerica Buffalo

QC Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38005-1
 SDG: 480-38005

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-119180/5

Matrix: Water

Analysis Batch: 119180

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike	LCS		Unit	D	%Rec	%Rec.
	Added	Result	Qualifier				
Carbon disulfide	25.0	25.7		ug/L		103	59 - 134
Carbon tetrachloride	25.0	25.9		ug/L		103	72 - 134
Chlorobenzene	25.0	25.0		ug/L		100	72 - 120
Dibromochloromethane	25.0	25.7		ug/L		103	75 - 125
Chloroethane	25.0	24.9		ug/L		100	69 - 136
Chloroform	25.0	24.9		ug/L		100	73 - 127
Chloromethane	25.0	23.6		ug/L		95	68 - 124
cis-1,2-Dichloroethene	25.0	25.5		ug/L		102	74 - 124
cis-1,3-Dichloropropene	25.0	24.8		ug/L		99	74 - 124
Ethylbenzene	25.0	25.6		ug/L		102	77 - 123
Methylene Chloride	25.0	25.9		ug/L		103	57 - 132
Styrene	25.0	26.3		ug/L		105	70 - 130
Tetrachloroethene	25.0	25.4		ug/L		102	74 - 122
Toluene	25.0	25.0		ug/L		100	80 - 122
trans-1,2-Dichloroethene	25.0	25.5		ug/L		102	73 - 127
trans-1,3-Dichloropropene	25.0	25.2		ug/L		101	72 - 123
Trichloroethene	25.0	24.2		ug/L		97	74 - 123
Vinyl chloride	25.0	25.0		ug/L		100	65 - 133
Xylenes, Total	75.0	76.8		ug/L		102	76 - 122

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	96		66 - 137
Toluene-d8 (Surr)	100		71 - 126
4-Bromofluorobenzene (Surr)	103		73 - 120

Lab Sample ID: MB 480-119418/8

Matrix: Water

Analysis Batch: 119418

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			05/18/13 12:50	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/18/13 12:50	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/18/13 12:50	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			05/18/13 12:50	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			05/18/13 12:50	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/18/13 12:50	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/18/13 12:50	1
2-Hexanone	ND		5.0	1.2	ug/L			05/18/13 12:50	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/18/13 12:50	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/18/13 12:50	1
Acetone	ND		10	3.0	ug/L			05/18/13 12:50	1
Benzene	ND		1.0	0.41	ug/L			05/18/13 12:50	1
Bromodichloromethane	ND		1.0	0.39	ug/L			05/18/13 12:50	1
Bromoform	ND		1.0	0.26	ug/L			05/18/13 12:50	1
Bromomethane	ND		1.0	0.69	ug/L			05/18/13 12:50	1
Carbon disulfide	ND		1.0	0.19	ug/L			05/18/13 12:50	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/18/13 12:50	1
Chlorobenzene	ND		1.0	0.75	ug/L			05/18/13 12:50	1

TestAmerica Buffalo

QC Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38005-1
 SDG: 480-38005

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-119418/8

Matrix: Water

Analysis Batch: 119418

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	ND	ND									
Dibromochloromethane			ND		1.0	0.32	ug/L			05/18/13 12:50	1
Chloroethane			ND		1.0	0.32	ug/L			05/18/13 12:50	1
Chloroform			ND		1.0	0.34	ug/L			05/18/13 12:50	1
Chloromethane			ND		1.0	0.35	ug/L			05/18/13 12:50	1
cis-1,2-Dichloroethene			ND		1.0	0.81	ug/L			05/18/13 12:50	1
cis-1,3-Dichloropropene			ND		1.0	0.36	ug/L			05/18/13 12:50	1
Ethylbenzene			ND		1.0	0.74	ug/L			05/18/13 12:50	1
Methylene Chloride			ND		1.0	0.44	ug/L			05/18/13 12:50	1
Styrene			ND		1.0	0.73	ug/L			05/18/13 12:50	1
Tetrachloroethene			ND		1.0	0.36	ug/L			05/18/13 12:50	1
Toluene			ND		1.0	0.51	ug/L			05/18/13 12:50	1
trans-1,2-Dichloroethene			ND		1.0	0.90	ug/L			05/18/13 12:50	1
trans-1,3-Dichloropropene			ND		1.0	0.37	ug/L			05/18/13 12:50	1
Trichloroethene			ND		1.0	0.46	ug/L			05/18/13 12:50	1
Vinyl chloride			ND		1.0	0.90	ug/L			05/18/13 12:50	1
Xylenes, Total			ND		2.0	0.66	ug/L			05/18/13 12:50	1

Surrogate	MB	MB	%Recovery	Qualifier	Limits		Prepared	Analyzed	Dil Fac
	ND	ND							
1,2-Dichloroethane-d4 (Surr)			96		66 - 137			05/18/13 12:50	1
Toluene-d8 (Surr)			101		71 - 126			05/18/13 12:50	1
4-Bromofluorobenzene (Surr)			102		73 - 120			05/18/13 12:50	1

Lab Sample ID: LCS 480-119418/5

Matrix: Water

Analysis Batch: 119418

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike	LCs	LCS	Result	Qualifier	Unit	D	%Rec	Limits	%Rec.
		Added	Added							
1,1,1-Trichloroethane		25.0	24.8			ug/L		99	73 - 126	
1,1,2,2-Tetrachloroethane		25.0	23.8			ug/L		95	70 - 126	
1,1,2-Trichloroethane		25.0	22.9			ug/L		92	76 - 122	
1,1-Dichloroethane		25.0	23.5			ug/L		94	71 - 129	
1,1-Dichloroethene		25.0	24.3			ug/L		97	58 - 121	
1,2-Dichloroethane		25.0	22.8			ug/L		91	75 - 127	
1,2-Dichloropropane		25.0	22.9			ug/L		92	76 - 120	
2-Hexanone		125	110			ug/L		88	65 - 127	
2-Butanone (MEK)		125	157			ug/L		126	57 - 140	
4-Methyl-2-pentanone (MIBK)		125	112			ug/L		90	71 - 125	
Acetone		125	105			ug/L		84	56 - 142	
Benzene		25.0	23.3			ug/L		93	71 - 124	
Bromodichloromethane		25.0	23.7			ug/L		95	80 - 122	
Bromoform		25.0	24.8			ug/L		99	66 - 128	
Bromomethane		25.0	23.4			ug/L		94	55 - 144	
Carbon disulfide		25.0	22.4			ug/L		90	59 - 134	
Carbon tetrachloride		25.0	24.3			ug/L		97	72 - 134	
Chlorobenzene		25.0	23.8			ug/L		95	72 - 120	
Dibromochloromethane		25.0	24.8			ug/L		99	75 - 125	
Chloroethane		25.0	23.0			ug/L		92	69 - 136	
Chloroform		25.0	23.4			ug/L		94	73 - 127	

TestAmerica Buffalo

QC Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38005-1
 SDG: 480-38005

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-119418/5

Matrix: Water

Analysis Batch: 119418

Analyte	Spike	LCS		Unit	D	%Rec	%Rec.
	Added	Result	Qualifier				
Chloromethane	25.0	19.4		ug/L	78	68 - 124	
cis-1,2-Dichloroethene	25.0	23.9		ug/L	96	74 - 124	
cis-1,3-Dichloropropene	25.0	24.5		ug/L	98	74 - 124	
Ethylbenzene	25.0	24.1		ug/L	97	77 - 123	
Methylene Chloride	25.0	24.4		ug/L	98	57 - 132	
Styrene	25.0	25.4		ug/L	102	70 - 130	
Tetrachloroethene	25.0	25.2		ug/L	101	74 - 122	
Toluene	25.0	23.8		ug/L	95	80 - 122	
trans-1,2-Dichloroethene	25.0	24.4		ug/L	97	73 - 127	
trans-1,3-Dichloropropene	25.0	24.1		ug/L	96	72 - 123	
Trichloroethene	25.0	23.5		ug/L	94	74 - 123	
Vinyl chloride	25.0	21.6		ug/L	86	65 - 133	
Xylenes, Total	75.0	73.4		ug/L	98	76 - 122	

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	97		66 - 137
Toluene-d8 (Surr)	99		71 - 126
4-Bromofluorobenzene (Surr)	102		73 - 120

Lab Sample ID: MB 480-119666/6

Matrix: Water

Analysis Batch: 119666

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			05/20/13 22:20	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/20/13 22:20	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/20/13 22:20	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			05/20/13 22:20	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			05/20/13 22:20	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/20/13 22:20	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/20/13 22:20	1
2-Hexanone	ND		5.0	1.2	ug/L			05/20/13 22:20	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/20/13 22:20	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/20/13 22:20	1
Acetone	ND		10	3.0	ug/L			05/20/13 22:20	1
Benzene	ND		1.0	0.41	ug/L			05/20/13 22:20	1
Bromodichlormethane	ND		1.0	0.39	ug/L			05/20/13 22:20	1
Bromoform	ND		1.0	0.26	ug/L			05/20/13 22:20	1
Bromomethane	ND		1.0	0.69	ug/L			05/20/13 22:20	1
Carbon disulfide	ND		1.0	0.19	ug/L			05/20/13 22:20	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/20/13 22:20	1
Chlorobenzene	ND		1.0	0.75	ug/L			05/20/13 22:20	1
Dibromochlormethane	ND		1.0	0.32	ug/L			05/20/13 22:20	1
Chloroethane	ND		1.0	0.32	ug/L			05/20/13 22:20	1
Chloroform	ND		1.0	0.34	ug/L			05/20/13 22:20	1
Chloromethane	ND		1.0	0.35	ug/L			05/20/13 22:20	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			05/20/13 22:20	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			05/20/13 22:20	1

TestAmerica Buffalo

QC Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38005-1
 SDG: 480-38005

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-119666/6

Matrix: Water

Analysis Batch: 119666

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	ND	ND									
Ethylbenzene	ND	ND			1.0	0.74	ug/L			05/20/13 22:20	1
Methylene Chloride	ND	ND			1.0	0.44	ug/L			05/20/13 22:20	1
Styrene	ND	ND			1.0	0.73	ug/L			05/20/13 22:20	1
Tetrachloroethene	ND	ND			1.0	0.36	ug/L			05/20/13 22:20	1
Toluene	ND	ND			1.0	0.51	ug/L			05/20/13 22:20	1
trans-1,2-Dichloroethene	ND	ND			1.0	0.90	ug/L			05/20/13 22:20	1
trans-1,3-Dichloropropene	ND	ND			1.0	0.37	ug/L			05/20/13 22:20	1
Trichloroethene	ND	ND			1.0	0.46	ug/L			05/20/13 22:20	1
Vinyl chloride	ND	ND			1.0	0.90	ug/L			05/20/13 22:20	1
Xylenes, Total	ND	ND			2.0	0.66	ug/L			05/20/13 22:20	1

Surrogate	MB	MB	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
	1,2-Dichloroethane-d4 (Surr)	106			66 - 137			
Toluene-d8 (Surr)	104	104	71 - 126				05/20/13 22:20	1
4-Bromofluorobenzene (Surr)	103	103	73 - 120				05/20/13 22:20	1

Lab Sample ID: LCS 480-119666/5

Matrix: Water

Analysis Batch: 119666

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike	LCS	LCS	Result	Qualifier	Unit	D	%Rec	Limits	%Rec.
	Added	Result	Qualifier							
1,1,1-Trichloroethane	25.0	24.5				ug/L		98	73 - 126	
1,1,2,2-Tetrachloroethane	25.0	25.7				ug/L		103	70 - 126	
1,1,2-Trichloroethane	25.0	25.7				ug/L		103	76 - 122	
1,1-Dichloroethane	25.0	26.5				ug/L		106	71 - 129	
1,1-Dichloroethene	25.0	25.5				ug/L		102	58 - 121	
1,2-Dichloroethane	25.0	24.8				ug/L		99	75 - 127	
1,2-Dichloropropane	25.0	25.5				ug/L		102	76 - 120	
2-Hexanone	125	134				ug/L		107	65 - 127	
2-Butanone (MEK)	125	124				ug/L		99	57 - 140	
4-Methyl-2-pentanone (MIBK)	125	133				ug/L		106	71 - 125	
Acetone	125	129				ug/L		103	56 - 142	
Benzene	25.0	25.8				ug/L		103	71 - 124	
Bromodichloromethane	25.0	23.2				ug/L		93	80 - 122	
Bromoform	25.0	20.6				ug/L		82	66 - 128	
Bromomethane	25.0	25.7				ug/L		103	55 - 144	
Carbon disulfide	25.0	22.1				ug/L		88	59 - 134	
Carbon tetrachloride	25.0	28.1				ug/L		112	72 - 134	
Chlorobenzene	25.0	26.8				ug/L		107	72 - 120	
Dibromochloromethane	25.0	22.8				ug/L		91	75 - 125	
Chloroethane	25.0	24.7				ug/L		99	69 - 136	
Chloroform	25.0	26.1				ug/L		104	73 - 127	
Chloromethane	25.0	25.8				ug/L		103	68 - 124	
cis-1,2-Dichloroethene	25.0	25.9				ug/L		104	74 - 124	
cis-1,3-Dichloropropene	25.0	23.2				ug/L		93	74 - 124	
Ethylbenzene	25.0	27.0				ug/L		108	77 - 123	
Methylene Chloride	25.0	25.4				ug/L		102	57 - 132	
Styrene	25.0	27.2				ug/L		109	70 - 130	

TestAmerica Buffalo

QC Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38005-1
 SDG: 480-38005

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-119666/5

Matrix: Water

Analysis Batch: 119666

Analyte	Spike	LCS		Unit	D	%Rec	%Rec.
	Added	Result	Qualifier				
Tetrachloroethene	25.0	25.9		ug/L		104	74 - 122
Toluene	25.0	26.6		ug/L		107	80 - 122
trans-1,2-Dichloroethene	25.0	27.1		ug/L		108	73 - 127
trans-1,3-Dichloropropene	25.0	23.3		ug/L		93	72 - 123
Trichloroethene	25.0	26.9		ug/L		107	74 - 123
Vinyl chloride	25.0	25.1		ug/L		100	65 - 133
Xylenes, Total	75.0	81.1		ug/L		108	76 - 122
Surrogate		LCS	LCS				
		%Recovery	Qualifier	Limits			
1,2-Dichloroethane-d4 (Surr)	100			66 - 137			
Toluene-d8 (Surr)	104			71 - 126			
4-Bromofluorobenzene (Surr)	100			73 - 120			

Lab Sample ID: LCSD 480-119666/7

Matrix: Water

Analysis Batch: 119666

Analyte	Spike	LCSD		Unit	D	%Rec	Limits	%Rec.	RPD	RPD Limit
	Added	Result	Qualifier							
1,1,1-Trichloroethane	25.0	24.1		ug/L		96	73 - 126	2	15	
1,1,2,2-Tetrachloroethane	25.0	25.9		ug/L		104	70 - 126	1	15	
1,1,2-Trichloroethane	25.0	25.3		ug/L		101	76 - 122	1	15	
1,1-Dichloroethane	25.0	26.1		ug/L		104	71 - 129	2	20	
1,1-Dichloroethene	25.0	24.9		ug/L		100	58 - 121	2	16	
1,2-Dichloroethane	25.0	25.2		ug/L		101	75 - 127	2	20	
1,2-Dichloropropane	25.0	25.6		ug/L		102	76 - 120	0	20	
2-Hexanone	125	127		ug/L		102	65 - 127	5	15	
2-Butanone (MEK)	125	121		ug/L		97	57 - 140	2	20	
4-Methyl-2-pentanone (MIBK)	125	125		ug/L		100	71 - 125	6	35	
Acetone	125	127		ug/L		101	56 - 142	2	15	
Benzene	25.0	26.1		ug/L		104	71 - 124	1	13	
Bromodichloromethane	25.0	22.5		ug/L		90	80 - 122	3	15	
Bromoform	25.0	20.1		ug/L		80	66 - 128	3	15	
Bromomethane	25.0	25.1		ug/L		101	55 - 144	2	15	
Carbon disulfide	25.0	21.8		ug/L		87	59 - 134	1	15	
Carbon tetrachloride	25.0	27.1		ug/L		108	72 - 134	4	15	
Chlorobenzene	25.0	25.9		ug/L		103	72 - 120	3	25	
Dibromochloromethane	25.0	21.6		ug/L		86	75 - 125	5	15	
Chloroethane	25.0	24.7		ug/L		99	69 - 136	0	15	
Chloroform	25.0	25.6		ug/L		102	73 - 127	2	20	
Chloromethane	25.0	25.3		ug/L		101	68 - 124	2	15	
cis-1,2-Dichloroethene	25.0	25.6		ug/L		102	74 - 124	1	15	
cis-1,3-Dichloropropene	25.0	22.8		ug/L		91	74 - 124	2	15	
Ethylbenzene	25.0	26.2		ug/L		105	77 - 123	3	15	
Methylene Chloride	25.0	25.8		ug/L		103	57 - 132	2	15	
Styrene	25.0	26.5		ug/L		106	70 - 130	3	20	
Tetrachloroethene	25.0	25.1		ug/L		100	74 - 122	3	20	
Toluene	25.0	25.6		ug/L		102	80 - 122	4	15	
trans-1,2-Dichloroethene	25.0	27.2		ug/L		109	73 - 127	1	20	

TestAmerica Buffalo

QC Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38005-1
 SDG: 480-38005

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 480-119666/7

Matrix: Water

Analysis Batch: 119666

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	Limits	RPD	RPD	Limit
	Added	Result	Qualifier							
trans-1,3-Dichloropropene	25.0	22.7		ug/L		91	72 - 123	2		15
Trichloroethene	25.0	26.5		ug/L		106	74 - 123	1		16
Vinyl chloride	25.0	24.5		ug/L		98	65 - 133	2		15
Xylenes, Total	75.0	79.9		ug/L		107	76 - 122	1		16

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	103		66 - 137
Toluene-d8 (Surr)	104		71 - 126
4-Bromofluorobenzene (Surr)	105		73 - 120

QC Association Summary

Client: O'Brien & Gere Inc of North America
 Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38005-1
 SDG: 480-38005

GC/MS VOA

Analysis Batch: 118965

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-38005-1	Trip Blank 050813	Total/NA	Water	8260B	1
480-38005-3	AF-7S 050813	Total/NA	Water	8260B	2
480-38005-4	AF-7D 050813	Total/NA	Water	8260B	3
480-38005-4 MS	AF-7D 050813	Total/NA	Water	8260B	4
480-38005-4 MSD	AF-7D 050813	Total/NA	Water	8260B	5
480-38005-5	ADW-7D 050813	Total/NA	Water	8260B	6
480-38005-6	OSMW-3S 050813	Total/NA	Water	8260B	7
480-38005-7	OSMW-3D 050813	Total/NA	Water	8260B	8
480-38005-8	TMW-1S 050813	Total/NA	Water	8260B	9
480-38005-9	TMW-1D 050813	Total/NA	Water	8260B	10
480-38005-10	AF-25P 050813	Total/NA	Water	8260B	11
480-38005-11	TMW-2S 050813	Total/NA	Water	8260B	12
480-38005-13	AF-2P 050813	Total/NA	Water	8260B	13
LCS 480-118965/4	Lab Control Sample	Total/NA	Water	8260B	14
MB 480-118965/7	Method Blank	Total/NA	Water	8260B	15

Analysis Batch: 119180

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-38005-2	AF-7P 050813	Total/NA	Water	8260B	13
480-38005-10 - DL	AF-25P 050813	Total/NA	Water	8260B	14
480-38005-12	TMW-2D 050813	Total/NA	Water	8260B	15
480-38005-15	AF-24P 050813	Total/NA	Water	8260B	1
480-38005-16	AF-23P 050813	Total/NA	Water	8260B	2
480-38005-17	AOCLDMW-1S 050813	Total/NA	Water	8260B	3
480-38005-18	AOCPSTMW-2S 050813	Total/NA	Water	8260B	4
480-38005-19	OSMW-4S 050813	Total/NA	Water	8260B	5
480-38005-20	OSMW-4D 050813	Total/NA	Water	8260B	6
480-38005-21	OSMW-8S 050813	Total/NA	Water	8260B	7
480-38005-22	OSMW-8D 050813	Total/NA	Water	8260B	8
480-38005-23	AF-21D 050813	Total/NA	Water	8260B	9
LCS 480-119180/5	Lab Control Sample	Total/NA	Water	8260B	10
MB 480-119180/7	Method Blank	Total/NA	Water	8260B	11

Analysis Batch: 119418

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-38005-16 - DL	AF-23P 050813	Total/NA	Water	8260B	1
480-38005-17 - DL	AOCLDMW-1S 050813	Total/NA	Water	8260B	2
LCS 480-119418/5	Lab Control Sample	Total/NA	Water	8260B	3
MB 480-119418/8	Method Blank	Total/NA	Water	8260B	4

Analysis Batch: 119666

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-38005-14	AF-3P 050813	Total/NA	Water	8260B	1
LCS 480-119666/5	Lab Control Sample	Total/NA	Water	8260B	2
LCSD 480-119666/7	Lab Control Sample Dup	Total/NA	Water	8260B	3
MB 480-119666/6	Method Blank	Total/NA	Water	8260B	4

Lab Chronicle

Client: O'Brien & Gere Inc of North America
 Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38005-1
 SDG: 480-38005

Client Sample ID: Trip Blank 050813

Lab Sample ID: 480-38005-1

Matrix: Water

Date Collected: 05/08/13 00:00
 Date Received: 05/09/13 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	118965	05/16/13 14:09	NQN	TAL BUF

Client Sample ID: AF-7P 050813

Lab Sample ID: 480-38005-2

Matrix: Water

Date Collected: 05/08/13 09:10
 Date Received: 05/09/13 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	119180	05/17/13 12:57	NQN	TAL BUF

Client Sample ID: AF-7S 050813

Lab Sample ID: 480-38005-3

Matrix: Water

Date Collected: 05/08/13 09:15
 Date Received: 05/09/13 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		10	118965	05/16/13 15:00	NQN	TAL BUF

Client Sample ID: AF-7D 050813

Lab Sample ID: 480-38005-4

Matrix: Water

Date Collected: 05/08/13 09:25
 Date Received: 05/09/13 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	118965	05/16/13 15:25	NQN	TAL BUF

Client Sample ID: ADW-7D 050813

Lab Sample ID: 480-38005-5

Matrix: Water

Date Collected: 05/08/13 09:35
 Date Received: 05/09/13 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	118965	05/16/13 17:23	NQN	TAL BUF

Client Sample ID: OSMW-3S 050813

Lab Sample ID: 480-38005-6

Matrix: Water

Date Collected: 05/08/13 10:15
 Date Received: 05/09/13 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	118965	05/16/13 17:49	NQN	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: O'Brien & Gere Inc of North America
 Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38005-1
 SDG: 480-38005

Client Sample ID: OSMW-3D 050813

Date Collected: 05/08/13 10:20
 Date Received: 05/09/13 09:30

Lab Sample ID: 480-38005-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	118965	05/16/13 18:14	NQN	TAL BUF

Client Sample ID: TMW-1S 050813

Date Collected: 05/08/13 11:25
 Date Received: 05/09/13 09:30

Lab Sample ID: 480-38005-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	118965	05/16/13 18:39	NQN	TAL BUF

Client Sample ID: TMW-1D 050813

Date Collected: 05/08/13 11:30
 Date Received: 05/09/13 09:30

Lab Sample ID: 480-38005-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	118965	05/16/13 19:04	NQN	TAL BUF

Client Sample ID: AF-25P 050813

Date Collected: 05/08/13 11:45
 Date Received: 05/09/13 09:30

Lab Sample ID: 480-38005-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		2	118965	05/16/13 19:29	NQN	TAL BUF
Total/NA	Analysis	8260B	DL	4	119180	05/17/13 13:22	NQN	TAL BUF

Client Sample ID: TMW-2S 050813

Date Collected: 05/08/13 11:55
 Date Received: 05/09/13 09:30

Lab Sample ID: 480-38005-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	118965	05/16/13 19:54	NQN	TAL BUF

Client Sample ID: TMW-2D 050813

Date Collected: 05/08/13 12:00
 Date Received: 05/09/13 09:30

Lab Sample ID: 480-38005-12

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		5	119180	05/17/13 13:47	NQN	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: O'Brien & Gere Inc of North America
 Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38005-1
 SDG: 480-38005

Client Sample ID: AF-2P 050813

Date Collected: 05/08/13 12:30
 Date Received: 05/09/13 09:30

Lab Sample ID: 480-38005-13

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	118965	05/16/13 20:44	NQN	TAL BUF

Client Sample ID: AF-3P 050813

Date Collected: 05/08/13 12:40
 Date Received: 05/09/13 09:30

Lab Sample ID: 480-38005-14

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	119666	05/21/13 00:59	TRF	TAL BUF

Client Sample ID: AF-24P 050813

Date Collected: 05/08/13 12:55
 Date Received: 05/09/13 09:30

Lab Sample ID: 480-38005-15

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		5	119180	05/17/13 14:12	NQN	TAL BUF

Client Sample ID: AF-23P 050813

Date Collected: 05/08/13 13:05
 Date Received: 05/09/13 09:30

Lab Sample ID: 480-38005-16

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	119180	05/17/13 14:38	NQN	TAL BUF
Total/NA	Analysis	8260B	DL	5	119418	05/18/13 14:01	NQN	TAL BUF

Client Sample ID: AOCLDMW-1S 050813

Date Collected: 05/08/13 13:25
 Date Received: 05/09/13 09:30

Lab Sample ID: 480-38005-17

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	119180	05/17/13 15:03	NQN	TAL BUF
Total/NA	Analysis	8260B	DL	8	119418	05/18/13 14:26	NQN	TAL BUF

Client Sample ID: AOCSTMW-2S 050813

Date Collected: 05/08/13 13:45
 Date Received: 05/09/13 09:30

Lab Sample ID: 480-38005-18

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	119180	05/17/13 15:28	NQN	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38005-1
SDG: 480-38005

Client Sample ID: OSMW-4S 050813

Date Collected: 05/08/13 14:15
Date Received: 05/09/13 09:30

Lab Sample ID: 480-38005-19

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	119180	05/17/13 15:53	NQN	TAL BUF

Client Sample ID: OSMW-4D 050813

Date Collected: 05/08/13 14:20
Date Received: 05/09/13 09:30

Lab Sample ID: 480-38005-20

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	119180	05/17/13 16:19	NQN	TAL BUF

Client Sample ID: OSMW-8S 050813

Date Collected: 05/08/13 14:45
Date Received: 05/09/13 09:30

Lab Sample ID: 480-38005-21

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	119180	05/17/13 16:44	NQN	TAL BUF

Client Sample ID: OSMW-8D 050813

Date Collected: 05/08/13 14:50
Date Received: 05/09/13 09:30

Lab Sample ID: 480-38005-22

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	119180	05/17/13 17:10	NQN	TAL BUF

Client Sample ID: AF-21D 050813

Date Collected: 05/08/13 15:20
Date Received: 05/09/13 09:30

Lab Sample ID: 480-38005-23

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	119180	05/17/13 17:35	NQN	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

TestAmerica Buffalo

Certification Summary

Client: O'Brien & Gere Inc of North America
 Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38005-1
 SDG: 480-38005

Laboratory: TestAmerica Buffalo

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0686	07-06-13
California	NELAP	9	1169CA	09-30-13
Connecticut	State Program	1	PH-0568	09-30-14
Florida	NELAP	4	E87672	06-30-13
Georgia	State Program	4	N/A	03-31-14
Georgia	State Program	4	956	06-30-13
Georgia	State Program	4	956	03-31-14
Illinois	NELAP	5	200003	09-30-13
Iowa	State Program	7	374	03-15-15
Kansas	NELAP	7	E-10187	01-31-14
Kentucky	State Program	4	90029	12-31-13
Kentucky (UST)	State Program	4	30	04-01-14
Louisiana	NELAP	6	02031	06-30-13
Maine	State Program	1	NY00044	12-04-13
Maryland	State Program	3	294	03-31-14
Massachusetts	State Program	1	M-NY044	06-30-13
Michigan	State Program	5	9937	04-01-13 *
Minnesota	NELAP	5	036-999-337	12-31-13
New Hampshire	NELAP	1	2973	09-11-13
New Hampshire	NELAP	1	2337	11-17-13
New Jersey	NELAP	2	NY455	06-30-13
New York	NELAP	2	10026	04-01-14
North Dakota	State Program	8	R-176	03-31-14
Oklahoma	State Program	6	9421	08-31-13
Oregon	NELAP	10	NY200003	06-09-14
Pennsylvania	NELAP	3	68-00281	07-31-13
Rhode Island	State Program	1	LAO00328	12-31-13
Tennessee	State Program	4	TN02970	04-01-14
Texas	NELAP	6	T104704412-11-2	07-31-13
USDA	Federal		P330-11-00386	11-22-14
Virginia	NELAP	3	460185	09-14-13
Washington	State Program	10	C784	02-10-14
West Virginia DEP	State Program	3	252	09-30-13
Wisconsin	State Program	5	998310390	08-31-13

* Expired certification is currently pending renewal and is considered valid.

TestAmerica Buffalo

Method Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38005-1
SDG: 480-38005

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL BUF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

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Sample Summary

Client: O'Brien & Gere Inc of North America
 Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38005-1
 SDG: 480-38005

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-38005-1	Trip Blank 050813	Water	05/08/13 00:00	05/09/13 09:30
480-38005-2	AF-7P 050813	Water	05/08/13 09:10	05/09/13 09:30
480-38005-3	AF-7S 050813	Water	05/08/13 09:15	05/09/13 09:30
480-38005-4	AF-7D 050813	Water	05/08/13 09:25	05/09/13 09:30
480-38005-5	ADW-7D 050813	Water	05/08/13 09:35	05/09/13 09:30
480-38005-6	OSMW-3S 050813	Water	05/08/13 10:15	05/09/13 09:30
480-38005-7	OSMW-3D 050813	Water	05/08/13 10:20	05/09/13 09:30
480-38005-8	TMW-1S 050813	Water	05/08/13 11:25	05/09/13 09:30
480-38005-9	TMW-1D 050813	Water	05/08/13 11:30	05/09/13 09:30
480-38005-10	AF-25P 050813	Water	05/08/13 11:45	05/09/13 09:30
480-38005-11	TMW-2S 050813	Water	05/08/13 11:55	05/09/13 09:30
480-38005-12	TMW-2D 050813	Water	05/08/13 12:00	05/09/13 09:30
480-38005-13	AF-2P 050813	Water	05/08/13 12:30	05/09/13 09:30
480-38005-14	AF-3P 050813	Water	05/08/13 12:40	05/09/13 09:30
480-38005-15	AF-24P 050813	Water	05/08/13 12:55	05/09/13 09:30
480-38005-16	AF-23P 050813	Water	05/08/13 13:05	05/09/13 09:30
480-38005-17	AOCLDMV-1S 050813	Water	05/08/13 13:25	05/09/13 09:30
480-38005-18	AOCPSTMW-2S 050813	Water	05/08/13 13:45	05/09/13 09:30
480-38005-19	OSMW-4S 050813	Water	05/08/13 14:15	05/09/13 09:30
480-38005-20	OSMW-4D 050813	Water	05/08/13 14:20	05/09/13 09:30
480-38005-21	OSMW-8S 050813	Water	05/08/13 14:45	05/09/13 09:30
480-38005-22	OSMW-8D 050813	Water	05/08/13 14:50	05/09/13 09:30
480-38005-23	AF-21D 050813	Water	05/08/13 15:20	05/09/13 09:30

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-38005-1
SDG Number: 480-38005

Login Number: 38005

List Number: 1

Creator: Janish, Carl

List Source: TestAmerica Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	OBG
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING



ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Buffalo

10 Hazelwood Drive

Amherst, NY 14228-2298

Tel: (716)691-2600

TestAmerica Job ID: 480-38081-1

TestAmerica Sample Delivery Group: 480-38081

Client Project/Site: GE Semi Annual Event

For:

O'Brien & Gere Inc of North America
37000 Grand River Ave
Suite 260
Farmington Hills, Michigan 48335

Attn: Mr. Tony Finch

Authorized for release by:

6/5/2013 1:34:44 PM

John Schove, Project Manager I
john.schove@testamericainc.com

LINKS

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: O'Brien & Gere Inc of North America
Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38081-1
SDG: 480-38081

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
B	Compound was found in the blank and sample.

Glossary

Abbreviation **These commonly used abbreviations may or may not be present in this report.**

□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

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Case Narrative

Client: O'Brien & Gere Inc of North America
Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38081-1
SDG: 480-38081

Job ID: 480-38081-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-38081-1

Comments

No additional comments.

Receipt

The samples were received on 5/10/2013 9:15 AM and 5/14/2013 9:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 2.3° C and 3.4° C.

Except:

The container label for the following sample did not match the information listed on the Chain-of-Custody (COC): The container labels lists AFP-5S 050913. The COC lists AF-5S 050913. The ID from the COC was used for login.

GC/MS VOA

Method(s) 8260B: The following samples were diluted to bring the concentration of target analytes within the calibration range: AF-5P 050913 (480-38081-12), OSMW-1S 050913 (480-38081-10), OSMW-5D 050913 (480-38081-5). Elevated reporting limits (RLs) are provided.

Method(s) 8260B: The method blank for batch 119412 contained Methylene chloride above the reporting limit. This target analyte was not above the reporting limit (RL) for any associated sample; therefore, re-extraction and/or re-analysis of samples was not performed.

No other analytical or quality issues were noted.

Detection Summary

Client: O'Brien & Gere Inc of North America
 Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38081-1
 SDG: 480-38081

Client Sample ID: AF-9S 050913

Lab Sample ID: 480-38081-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.6		1.0	0.38	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	2.2		1.0	0.81	ug/L	1		8260B	Total/NA
Vinyl chloride	20		1.0	0.90	ug/L	1		8260B	Total/NA

Client Sample ID: OSMW-7D 050913

Lab Sample ID: 480-38081-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	4.8	J	10	3.0	ug/L	1		8260B	Total/NA
Vinyl chloride	1.5		1.0	0.90	ug/L	1		8260B	Total/NA

Client Sample ID: OSMW-6S 050913

Lab Sample ID: 480-38081-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.8		1.0	0.38	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	5.4		1.0	0.29	ug/L	1		8260B	Total/NA
Acetone	8.8	J	10	3.0	ug/L	1		8260B	Total/NA
Chloroethane	3.0		1.0	0.32	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	33		1.0	0.81	ug/L	1		8260B	Total/NA
Vinyl chloride	8.5		1.0	0.90	ug/L	1		8260B	Total/NA

Client Sample ID: OSMW-6D 050913

Lab Sample ID: 480-38081-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	3.4		1.0	0.38	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	0.71	J	1.0	0.29	ug/L	1		8260B	Total/NA
Chloroethane	1.9		1.0	0.32	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	7.0		1.0	0.81	ug/L	1		8260B	Total/NA
Vinyl chloride	42		1.0	0.90	ug/L	1		8260B	Total/NA

Client Sample ID: OSMW-5D 050913

Lab Sample ID: 480-38081-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	1.3	J	2.0	0.58	ug/L	2		8260B	Total/NA
Acetone	6.9	J	20	6.0	ug/L	2		8260B	Total/NA
cis-1,2-Dichloroethene	170		2.0	1.6	ug/L	2		8260B	Total/NA
trans-1,2-Dichloroethene	4.7		2.0	1.8	ug/L	2		8260B	Total/NA
Vinyl chloride	11		2.0	1.8	ug/L	2		8260B	Total/NA

Client Sample ID: OSMW-5S 050913

Lab Sample ID: 480-38081-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.8		1.0	0.38	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	0.59	J	1.0	0.29	ug/L	1		8260B	Total/NA
Acetone	6.0	J	10	3.0	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	11		1.0	0.81	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	0.94	J	1.0	0.90	ug/L	1		8260B	Total/NA
Vinyl chloride	9.0		1.0	0.90	ug/L	1		8260B	Total/NA

Client Sample ID: H-221 050913

Lab Sample ID: 480-38081-7

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

Client: O'Brien & Gere Inc of North America
 Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38081-1
 SDG: 480-38081

Client Sample ID: H-221 050913 (Continued)

Lab Sample ID: 480-38081-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	37		1.0	0.82	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	3.2		1.0	0.38	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	5.8		1.0	0.29	ug/L	1		8260B	Total/NA
Acetone	6.9 J		10	3.0	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	2.7		1.0	0.81	ug/L	1		8260B	Total/NA
Trichloroethene	68		1.0	0.46	ug/L	1		8260B	Total/NA
Vinyl chloride	1.0		1.0	0.90	ug/L	1		8260B	Total/NA

Client Sample ID: OSMW-2P 050913

Lab Sample ID: 480-38081-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	6.7		1.0	0.38	ug/L	1		8260B	Total/NA
Acetone	6.0 J		10	3.0	ug/L	1		8260B	Total/NA
Benzene	0.43 J		1.0	0.41	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	27		1.0	0.81	ug/L	1		8260B	Total/NA
Vinyl chloride	33		1.0	0.90	ug/L	1		8260B	Total/NA

Client Sample ID: OSMW-1P 050913

Lab Sample ID: 480-38081-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	2.4		1.0	0.38	ug/L	1		8260B	Total/NA

Client Sample ID: OSMW-1S 050913

Lab Sample ID: 480-38081-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.5		4.0	1.5	ug/L	4		8260B	Total/NA
1,1-Dichloroethene	3.1 J		4.0	1.2	ug/L	4		8260B	Total/NA
cis-1,2-Dichloroethene	270		4.0	3.2	ug/L	4		8260B	Total/NA
Vinyl chloride	180		4.0	3.6	ug/L	4		8260B	Total/NA

Client Sample ID: OSMW-1D 050913

Lab Sample ID: 480-38081-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	3.0		1.0	0.38	ug/L	1		8260B	Total/NA
Acetone	3.1 J		10	3.0	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	41		1.0	0.81	ug/L	1		8260B	Total/NA
Vinyl chloride	61		1.0	0.90	ug/L	1		8260B	Total/NA

Client Sample ID: AF-5P 050913

Lab Sample ID: 480-38081-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	24		2.0	1.6	ug/L	2		8260B	Total/NA
1,1-Dichloroethane	4.1		2.0	0.76	ug/L	2		8260B	Total/NA
1,1-Dichloroethene	4.1		2.0	0.58	ug/L	2		8260B	Total/NA
cis-1,2-Dichloroethene	2.8		2.0	1.6	ug/L	2		8260B	Total/NA
Tetrachloroethene	1.5 J		2.0	0.72	ug/L	2		8260B	Total/NA
Trichloroethene	120		2.0	0.92	ug/L	2		8260B	Total/NA

Client Sample ID: AF-5S 050913

Lab Sample ID: 480-38081-13

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

Client: O'Brien & Gere Inc of North America
 Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38081-1
 SDG: 480-38081

Client Sample ID: AF-5S 050913 (Continued)

Lab Sample ID: 480-38081-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	5.8		1.0	0.38	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	0.58	J	1.0	0.29	ug/L	1		8260B	Total/NA
Benzene	0.50	J	1.0	0.41	ug/L	1		8260B	Total/NA
Chloroethane	0.48	J	1.0	0.32	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	3.3		1.0	0.81	ug/L	1		8260B	Total/NA
Vinyl chloride	48		1.0	0.90	ug/L	1		8260B	Total/NA

Client Sample ID: AF-5D 050913

Lab Sample ID: 480-38081-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	4.5	J	10	3.0	ug/L	1		8260B	Total/NA

Client Sample ID: ADW-5D 050913

Lab Sample ID: 480-38081-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	7.0	J	10	3.0	ug/L	1		8260B	Total/NA

Client Sample ID: Trip Blank 050913

Lab Sample ID: 480-38081-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.44	J B	1.0	0.44	ug/L	1		8260B	Total/NA

Client Sample ID: AOCPOST-MW1SR051313

Lab Sample ID: 480-38226-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	4.9	J	10	3.0	ug/L	1		8260B	Total/NA

Client Sample ID: Trip Blank 051313

Lab Sample ID: 480-38226-2

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38081-1
 SDG: 480-38081

Client Sample ID: AF-9S 050913

Date Collected: 05/09/13 08:20

Date Received: 05/10/13 09:15

Lab Sample ID: 480-38081-1

Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			05/18/13 13:34	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/18/13 13:34	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/18/13 13:34	1
1,1-Dichloroethane	1.6		1.0	0.38	ug/L			05/18/13 13:34	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			05/18/13 13:34	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/18/13 13:34	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/18/13 13:34	1
2-Hexanone	ND		5.0	1.2	ug/L			05/18/13 13:34	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/18/13 13:34	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/18/13 13:34	1
Acetone	ND		10	3.0	ug/L			05/18/13 13:34	1
Benzene	ND		1.0	0.41	ug/L			05/18/13 13:34	1
Bromodichloromethane	ND		1.0	0.39	ug/L			05/18/13 13:34	1
Bromoform	ND		1.0	0.26	ug/L			05/18/13 13:34	1
Bromomethane	ND		1.0	0.69	ug/L			05/18/13 13:34	1
Carbon disulfide	ND		1.0	0.19	ug/L			05/18/13 13:34	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/18/13 13:34	1
Chlorobenzene	ND		1.0	0.75	ug/L			05/18/13 13:34	1
Dibromochloromethane	ND		1.0	0.32	ug/L			05/18/13 13:34	1
Chloroethane	ND		1.0	0.32	ug/L			05/18/13 13:34	1
Chloroform	ND		1.0	0.34	ug/L			05/18/13 13:34	1
Chloromethane	ND		1.0	0.35	ug/L			05/18/13 13:34	1
cis-1,2-Dichloroethene	2.2		1.0	0.81	ug/L			05/18/13 13:34	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			05/18/13 13:34	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/18/13 13:34	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/18/13 13:34	1
Styrene	ND		1.0	0.73	ug/L			05/18/13 13:34	1
Tetrachloroethene	ND		1.0	0.36	ug/L			05/18/13 13:34	1
Toluene	ND		1.0	0.51	ug/L			05/18/13 13:34	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			05/18/13 13:34	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			05/18/13 13:34	1
Trichloroethene	ND		1.0	0.46	ug/L			05/18/13 13:34	1
Vinyl chloride	20		1.0	0.90	ug/L			05/18/13 13:34	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/18/13 13:34	1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99			66 - 137				05/18/13 13:34	1
Toluene-d8 (Surr)	97			71 - 126				05/18/13 13:34	1
4-Bromofluorobenzene (Surr)	97			73 - 120				05/18/13 13:34	1

TestAmerica Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38081-1
 SDG: 480-38081

Client Sample ID: OSMW-7D 050913

Lab Sample ID: 480-38081-2

Date Collected: 05/09/13 08:45

Matrix: Ground Water

Date Received: 05/10/13 09:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			05/18/13 13:57	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/18/13 13:57	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/18/13 13:57	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			05/18/13 13:57	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			05/18/13 13:57	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/18/13 13:57	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/18/13 13:57	1
2-Hexanone	ND		5.0	1.2	ug/L			05/18/13 13:57	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/18/13 13:57	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/18/13 13:57	1
Acetone	4.8 J		10	3.0	ug/L			05/18/13 13:57	1
Benzene	ND		1.0	0.41	ug/L			05/18/13 13:57	1
Bromodichloromethane	ND		1.0	0.39	ug/L			05/18/13 13:57	1
Bromoform	ND		1.0	0.26	ug/L			05/18/13 13:57	1
Bromomethane	ND		1.0	0.69	ug/L			05/18/13 13:57	1
Carbon disulfide	ND		1.0	0.19	ug/L			05/18/13 13:57	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/18/13 13:57	1
Chlorobenzene	ND		1.0	0.75	ug/L			05/18/13 13:57	1
Dibromochloromethane	ND		1.0	0.32	ug/L			05/18/13 13:57	1
Chloroethane	ND		1.0	0.32	ug/L			05/18/13 13:57	1
Chloroform	ND		1.0	0.34	ug/L			05/18/13 13:57	1
Chloromethane	ND		1.0	0.35	ug/L			05/18/13 13:57	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			05/18/13 13:57	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			05/18/13 13:57	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/18/13 13:57	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/18/13 13:57	1
Styrene	ND		1.0	0.73	ug/L			05/18/13 13:57	1
Tetrachloroethene	ND		1.0	0.36	ug/L			05/18/13 13:57	1
Toluene	ND		1.0	0.51	ug/L			05/18/13 13:57	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			05/18/13 13:57	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			05/18/13 13:57	1
Trichloroethene	ND		1.0	0.46	ug/L			05/18/13 13:57	1
Vinyl chloride	1.5		1.0	0.90	ug/L			05/18/13 13:57	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/18/13 13:57	1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101			66 - 137				05/18/13 13:57	1
Toluene-d8 (Surr)	101			71 - 126				05/18/13 13:57	1
4-Bromofluorobenzene (Surr)	101			73 - 120				05/18/13 13:57	1

TestAmerica Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38081-1
 SDG: 480-38081

Client Sample ID: OSMW-6S 050913

Lab Sample ID: 480-38081-3

Date Collected: 05/09/13 09:15

Matrix: Ground Water

Date Received: 05/10/13 09:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L		05/18/13 14:20		1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L		05/18/13 14:20		1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L		05/18/13 14:20		1
1,1-Dichloroethane	1.8		1.0	0.38	ug/L		05/18/13 14:20		1
1,1-Dichloroethene	5.4		1.0	0.29	ug/L		05/18/13 14:20		1
1,2-Dichloroethane	ND		1.0	0.21	ug/L		05/18/13 14:20		1
1,2-Dichloropropane	ND		1.0	0.72	ug/L		05/18/13 14:20		1
2-Hexanone	ND		5.0	1.2	ug/L		05/18/13 14:20		1
2-Butanone (MEK)	ND		10	1.3	ug/L		05/18/13 14:20		1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L		05/18/13 14:20		1
Acetone	8.8 J		10	3.0	ug/L		05/18/13 14:20		1
Benzene	ND		1.0	0.41	ug/L		05/18/13 14:20		1
Bromodichloromethane	ND		1.0	0.39	ug/L		05/18/13 14:20		1
Bromoform	ND		1.0	0.26	ug/L		05/18/13 14:20		1
Bromomethane	ND		1.0	0.69	ug/L		05/18/13 14:20		1
Carbon disulfide	ND		1.0	0.19	ug/L		05/18/13 14:20		1
Carbon tetrachloride	ND		1.0	0.27	ug/L		05/18/13 14:20		1
Chlorobenzene	ND		1.0	0.75	ug/L		05/18/13 14:20		1
Dibromochloromethane	ND		1.0	0.32	ug/L		05/18/13 14:20		1
Chloroethane	3.0		1.0	0.32	ug/L		05/18/13 14:20		1
Chloroform	ND		1.0	0.34	ug/L		05/18/13 14:20		1
Chloromethane	ND		1.0	0.35	ug/L		05/18/13 14:20		1
cis-1,2-Dichloroethene	33		1.0	0.81	ug/L		05/18/13 14:20		1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L		05/18/13 14:20		1
Ethylbenzene	ND		1.0	0.74	ug/L		05/18/13 14:20		1
Methylene Chloride	ND		1.0	0.44	ug/L		05/18/13 14:20		1
Styrene	ND		1.0	0.73	ug/L		05/18/13 14:20		1
Tetrachloroethene	ND		1.0	0.36	ug/L		05/18/13 14:20		1
Toluene	ND		1.0	0.51	ug/L		05/18/13 14:20		1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L		05/18/13 14:20		1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L		05/18/13 14:20		1
Trichloroethene	ND		1.0	0.46	ug/L		05/18/13 14:20		1
Vinyl chloride	8.5		1.0	0.90	ug/L		05/18/13 14:20		1
Xylenes, Total	ND		2.0	0.66	ug/L		05/18/13 14:20		1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103			66 - 137			05/18/13 14:20		1
Toluene-d8 (Surr)	100			71 - 126			05/18/13 14:20		1
4-Bromofluorobenzene (Surr)	100			73 - 120			05/18/13 14:20		1

TestAmerica Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38081-1
 SDG: 480-38081

Client Sample ID: OSMW-6D 050913

Lab Sample ID: 480-38081-4

Date Collected: 05/09/13 09:20

Matrix: Ground Water

Date Received: 05/10/13 09:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L		05/18/13 14:42		1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L		05/18/13 14:42		1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L		05/18/13 14:42		1
1,1-Dichloroethane	3.4		1.0	0.38	ug/L		05/18/13 14:42		1
1,1-Dichloroethene	0.71 J		1.0	0.29	ug/L		05/18/13 14:42		1
1,2-Dichloroethane	ND		1.0	0.21	ug/L		05/18/13 14:42		1
1,2-Dichloropropane	ND		1.0	0.72	ug/L		05/18/13 14:42		1
2-Hexanone	ND		5.0	1.2	ug/L		05/18/13 14:42		1
2-Butanone (MEK)	ND		10	1.3	ug/L		05/18/13 14:42		1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L		05/18/13 14:42		1
Acetone	ND		10	3.0	ug/L		05/18/13 14:42		1
Benzene	ND		1.0	0.41	ug/L		05/18/13 14:42		1
Bromodichloromethane	ND		1.0	0.39	ug/L		05/18/13 14:42		1
Bromoform	ND		1.0	0.26	ug/L		05/18/13 14:42		1
Bromomethane	ND		1.0	0.69	ug/L		05/18/13 14:42		1
Carbon disulfide	ND		1.0	0.19	ug/L		05/18/13 14:42		1
Carbon tetrachloride	ND		1.0	0.27	ug/L		05/18/13 14:42		1
Chlorobenzene	ND		1.0	0.75	ug/L		05/18/13 14:42		1
Dibromochloromethane	ND		1.0	0.32	ug/L		05/18/13 14:42		1
Chloroethane	1.9		1.0	0.32	ug/L		05/18/13 14:42		1
Chloroform	ND		1.0	0.34	ug/L		05/18/13 14:42		1
Chloromethane	ND		1.0	0.35	ug/L		05/18/13 14:42		1
cis-1,2-Dichloroethene	7.0		1.0	0.81	ug/L		05/18/13 14:42		1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L		05/18/13 14:42		1
Ethylbenzene	ND		1.0	0.74	ug/L		05/18/13 14:42		1
Methylene Chloride	ND		1.0	0.44	ug/L		05/18/13 14:42		1
Styrene	ND		1.0	0.73	ug/L		05/18/13 14:42		1
Tetrachloroethene	ND		1.0	0.36	ug/L		05/18/13 14:42		1
Toluene	ND		1.0	0.51	ug/L		05/18/13 14:42		1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L		05/18/13 14:42		1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L		05/18/13 14:42		1
Trichloroethene	ND		1.0	0.46	ug/L		05/18/13 14:42		1
Vinyl chloride	42		1.0	0.90	ug/L		05/18/13 14:42		1
Xylenes, Total	ND		2.0	0.66	ug/L		05/18/13 14:42		1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101			66 - 137			05/18/13 14:42		1
Toluene-d8 (Surr)	99			71 - 126			05/18/13 14:42		1
4-Bromofluorobenzene (Surr)	98			73 - 120			05/18/13 14:42		1

TestAmerica Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38081-1
 SDG: 480-38081

Client Sample ID: OSMW-5D 050913

Lab Sample ID: 480-38081-5

Date Collected: 05/09/13 10:05

Matrix: Ground Water

Date Received: 05/10/13 09:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	1.6	ug/L			05/18/13 15:04	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			05/18/13 15:04	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			05/18/13 15:04	2
1,1-Dichloroethane	ND		2.0	0.76	ug/L			05/18/13 15:04	2
1,1-Dichloroethene	1.3	J	2.0	0.58	ug/L			05/18/13 15:04	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			05/18/13 15:04	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			05/18/13 15:04	2
2-Hexanone	ND		10	2.5	ug/L			05/18/13 15:04	2
2-Butanone (MEK)	ND		20	2.6	ug/L			05/18/13 15:04	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			05/18/13 15:04	2
Acetone	6.9	J	20	6.0	ug/L			05/18/13 15:04	2
Benzene	ND		2.0	0.82	ug/L			05/18/13 15:04	2
Bromodichloromethane	ND		2.0	0.78	ug/L			05/18/13 15:04	2
Bromoform	ND		2.0	0.52	ug/L			05/18/13 15:04	2
Bromomethane	ND		2.0	1.4	ug/L			05/18/13 15:04	2
Carbon disulfide	ND		2.0	0.38	ug/L			05/18/13 15:04	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			05/18/13 15:04	2
Chlorobenzene	ND		2.0	1.5	ug/L			05/18/13 15:04	2
Dibromochloromethane	ND		2.0	0.64	ug/L			05/18/13 15:04	2
Chloroethane	ND		2.0	0.64	ug/L			05/18/13 15:04	2
Chloroform	ND		2.0	0.68	ug/L			05/18/13 15:04	2
Chloromethane	ND		2.0	0.70	ug/L			05/18/13 15:04	2
cis-1,2-Dichloroethene	170		2.0	1.6	ug/L			05/18/13 15:04	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			05/18/13 15:04	2
Ethylbenzene	ND		2.0	1.5	ug/L			05/18/13 15:04	2
Methylene Chloride	ND		2.0	0.88	ug/L			05/18/13 15:04	2
Styrene	ND		2.0	1.5	ug/L			05/18/13 15:04	2
Tetrachloroethene	ND		2.0	0.72	ug/L			05/18/13 15:04	2
Toluene	ND		2.0	1.0	ug/L			05/18/13 15:04	2
trans-1,2-Dichloroethene	4.7		2.0	1.8	ug/L			05/18/13 15:04	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			05/18/13 15:04	2
Trichloroethene	ND		2.0	0.92	ug/L			05/18/13 15:04	2
Vinyl chloride	11		2.0	1.8	ug/L			05/18/13 15:04	2
Xylenes, Total	ND		4.0	1.3	ug/L			05/18/13 15:04	2
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106			66 - 137				05/18/13 15:04	2
Toluene-d8 (Surr)	102			71 - 126				05/18/13 15:04	2
4-Bromofluorobenzene (Surr)	103			73 - 120				05/18/13 15:04	2

TestAmerica Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38081-1
 SDG: 480-38081

Client Sample ID: OSMW-5S 050913

Lab Sample ID: 480-38081-6

Date Collected: 05/09/13 10:30

Matrix: Ground Water

Date Received: 05/10/13 09:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			05/18/13 15:27	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/18/13 15:27	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/18/13 15:27	1
1,1-Dichloroethane	1.8		1.0	0.38	ug/L			05/18/13 15:27	1
1,1-Dichloroethene	0.59 J		1.0	0.29	ug/L			05/18/13 15:27	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/18/13 15:27	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/18/13 15:27	1
2-Hexanone	ND		5.0	1.2	ug/L			05/18/13 15:27	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/18/13 15:27	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/18/13 15:27	1
Acetone	6.0 J		10	3.0	ug/L			05/18/13 15:27	1
Benzene	ND		1.0	0.41	ug/L			05/18/13 15:27	1
Bromodichloromethane	ND		1.0	0.39	ug/L			05/18/13 15:27	1
Bromoform	ND		1.0	0.26	ug/L			05/18/13 15:27	1
Bromomethane	ND		1.0	0.69	ug/L			05/18/13 15:27	1
Carbon disulfide	ND		1.0	0.19	ug/L			05/18/13 15:27	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/18/13 15:27	1
Chlorobenzene	ND		1.0	0.75	ug/L			05/18/13 15:27	1
Dibromochloromethane	ND		1.0	0.32	ug/L			05/18/13 15:27	1
Chloroethane	ND		1.0	0.32	ug/L			05/18/13 15:27	1
Chloroform	ND		1.0	0.34	ug/L			05/18/13 15:27	1
Chloromethane	ND		1.0	0.35	ug/L			05/18/13 15:27	1
cis-1,2-Dichloroethene	11		1.0	0.81	ug/L			05/18/13 15:27	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			05/18/13 15:27	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/18/13 15:27	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/18/13 15:27	1
Styrene	ND		1.0	0.73	ug/L			05/18/13 15:27	1
Tetrachloroethene	ND		1.0	0.36	ug/L			05/18/13 15:27	1
Toluene	ND		1.0	0.51	ug/L			05/18/13 15:27	1
trans-1,2-Dichloroethene	0.94 J		1.0	0.90	ug/L			05/18/13 15:27	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			05/18/13 15:27	1
Trichloroethene	ND		1.0	0.46	ug/L			05/18/13 15:27	1
Vinyl chloride	9.0		1.0	0.90	ug/L			05/18/13 15:27	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/18/13 15:27	1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102			66 - 137				05/18/13 15:27	1
Toluene-d8 (Surr)	98			71 - 126				05/18/13 15:27	1
4-Bromofluorobenzene (Surr)	98			73 - 120				05/18/13 15:27	1

TestAmerica Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38081-1
 SDG: 480-38081

Client Sample ID: H-221 050913

Lab Sample ID: 480-38081-7
Matrix: Ground Water

Date Collected: 05/09/13 11:10
 Date Received: 05/10/13 09:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	37		1.0	0.82	ug/L			05/19/13 13:49	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/19/13 13:49	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/19/13 13:49	1
1,1-Dichloroethane	3.2		1.0	0.38	ug/L			05/19/13 13:49	1
1,1-Dichloroethene	5.8		1.0	0.29	ug/L			05/19/13 13:49	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/19/13 13:49	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/19/13 13:49	1
2-Hexanone	ND		5.0	1.2	ug/L			05/19/13 13:49	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/19/13 13:49	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/19/13 13:49	1
Acetone	6.9 J		10	3.0	ug/L			05/19/13 13:49	1
Benzene	ND		1.0	0.41	ug/L			05/19/13 13:49	1
Bromodichloromethane	ND		1.0	0.39	ug/L			05/19/13 13:49	1
Bromoform	ND		1.0	0.26	ug/L			05/19/13 13:49	1
Bromomethane	ND		1.0	0.69	ug/L			05/19/13 13:49	1
Carbon disulfide	ND		1.0	0.19	ug/L			05/19/13 13:49	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/19/13 13:49	1
Chlorobenzene	ND		1.0	0.75	ug/L			05/19/13 13:49	1
Dibromochloromethane	ND		1.0	0.32	ug/L			05/19/13 13:49	1
Chloroethane	ND		1.0	0.32	ug/L			05/19/13 13:49	1
Chloroform	ND		1.0	0.34	ug/L			05/19/13 13:49	1
Chloromethane	ND		1.0	0.35	ug/L			05/19/13 13:49	1
cis-1,2-Dichloroethene	2.7		1.0	0.81	ug/L			05/19/13 13:49	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			05/19/13 13:49	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/19/13 13:49	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/19/13 13:49	1
Styrene	ND		1.0	0.73	ug/L			05/19/13 13:49	1
Tetrachloroethene	ND		1.0	0.36	ug/L			05/19/13 13:49	1
Toluene	ND		1.0	0.51	ug/L			05/19/13 13:49	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			05/19/13 13:49	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			05/19/13 13:49	1
Trichloroethene	68		1.0	0.46	ug/L			05/19/13 13:49	1
Vinyl chloride	1.0		1.0	0.90	ug/L			05/19/13 13:49	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/19/13 13:49	1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101			66 - 137				05/19/13 13:49	1
Toluene-d8 (Surr)	98			71 - 126				05/19/13 13:49	1
4-Bromofluorobenzene (Surr)	97			73 - 120				05/19/13 13:49	1

TestAmerica Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38081-1
 SDG: 480-38081

Client Sample ID: OSMW-2P 050913

Lab Sample ID: 480-38081-8

Date Collected: 05/09/13 11:30

Matrix: Ground Water

Date Received: 05/10/13 09:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L		05/18/13 16:13		1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L		05/18/13 16:13		1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L		05/18/13 16:13		1
1,1-Dichloroethane	6.7		1.0	0.38	ug/L		05/18/13 16:13		1
1,1-Dichloroethene	ND		1.0	0.29	ug/L		05/18/13 16:13		1
1,2-Dichloroethane	ND		1.0	0.21	ug/L		05/18/13 16:13		1
1,2-Dichloropropane	ND		1.0	0.72	ug/L		05/18/13 16:13		1
2-Hexanone	ND		5.0	1.2	ug/L		05/18/13 16:13		1
2-Butanone (MEK)	ND		10	1.3	ug/L		05/18/13 16:13		1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L		05/18/13 16:13		1
Acetone	6.0 J		10	3.0	ug/L		05/18/13 16:13		1
Benzene	0.43 J		1.0	0.41	ug/L		05/18/13 16:13		1
Bromodichloromethane	ND		1.0	0.39	ug/L		05/18/13 16:13		1
Bromoform	ND		1.0	0.26	ug/L		05/18/13 16:13		1
Bromomethane	ND		1.0	0.69	ug/L		05/18/13 16:13		1
Carbon disulfide	ND		1.0	0.19	ug/L		05/18/13 16:13		1
Carbon tetrachloride	ND		1.0	0.27	ug/L		05/18/13 16:13		1
Chlorobenzene	ND		1.0	0.75	ug/L		05/18/13 16:13		1
Dibromochloromethane	ND		1.0	0.32	ug/L		05/18/13 16:13		1
Chloroethane	ND		1.0	0.32	ug/L		05/18/13 16:13		1
Chloroform	ND		1.0	0.34	ug/L		05/18/13 16:13		1
Chloromethane	ND		1.0	0.35	ug/L		05/18/13 16:13		1
cis-1,2-Dichloroethene	27		1.0	0.81	ug/L		05/18/13 16:13		1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L		05/18/13 16:13		1
Ethylbenzene	ND		1.0	0.74	ug/L		05/18/13 16:13		1
Methylene Chloride	ND		1.0	0.44	ug/L		05/18/13 16:13		1
Styrene	ND		1.0	0.73	ug/L		05/18/13 16:13		1
Tetrachloroethene	ND		1.0	0.36	ug/L		05/18/13 16:13		1
Toluene	ND		1.0	0.51	ug/L		05/18/13 16:13		1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L		05/18/13 16:13		1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L		05/18/13 16:13		1
Trichloroethene	ND		1.0	0.46	ug/L		05/18/13 16:13		1
Vinyl chloride	33		1.0	0.90	ug/L		05/18/13 16:13		1
Xylenes, Total	ND		2.0	0.66	ug/L		05/18/13 16:13		1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105			66 - 137			05/18/13 16:13		1
Toluene-d8 (Surr)	104			71 - 126			05/18/13 16:13		1
4-Bromofluorobenzene (Surr)	104			73 - 120			05/18/13 16:13		1

TestAmerica Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38081-1
 SDG: 480-38081

Client Sample ID: OSMW-1P 050913

Lab Sample ID: 480-38081-9

Date Collected: 05/09/13 11:45
 Date Received: 05/10/13 09:15

Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L		05/18/13 16:35		1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L		05/18/13 16:35		1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L		05/18/13 16:35		1
1,1-Dichloroethane	2.4		1.0	0.38	ug/L		05/18/13 16:35		1
1,1-Dichloroethene	ND		1.0	0.29	ug/L		05/18/13 16:35		1
1,2-Dichloroethane	ND		1.0	0.21	ug/L		05/18/13 16:35		1
1,2-Dichloropropane	ND		1.0	0.72	ug/L		05/18/13 16:35		1
2-Hexanone	ND		5.0	1.2	ug/L		05/18/13 16:35		1
2-Butanone (MEK)	ND		10	1.3	ug/L		05/18/13 16:35		1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L		05/18/13 16:35		1
Acetone	ND		10	3.0	ug/L		05/18/13 16:35		1
Benzene	ND		1.0	0.41	ug/L		05/18/13 16:35		1
Bromodichloromethane	ND		1.0	0.39	ug/L		05/18/13 16:35		1
Bromoform	ND		1.0	0.26	ug/L		05/18/13 16:35		1
Bromomethane	ND		1.0	0.69	ug/L		05/18/13 16:35		1
Carbon disulfide	ND		1.0	0.19	ug/L		05/18/13 16:35		1
Carbon tetrachloride	ND		1.0	0.27	ug/L		05/18/13 16:35		1
Chlorobenzene	ND		1.0	0.75	ug/L		05/18/13 16:35		1
Dibromochloromethane	ND		1.0	0.32	ug/L		05/18/13 16:35		1
Chloroethane	ND		1.0	0.32	ug/L		05/18/13 16:35		1
Chloroform	ND		1.0	0.34	ug/L		05/18/13 16:35		1
Chloromethane	ND		1.0	0.35	ug/L		05/18/13 16:35		1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L		05/18/13 16:35		1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L		05/18/13 16:35		1
Ethylbenzene	ND		1.0	0.74	ug/L		05/18/13 16:35		1
Methylene Chloride	ND		1.0	0.44	ug/L		05/18/13 16:35		1
Styrene	ND		1.0	0.73	ug/L		05/18/13 16:35		1
Tetrachloroethene	ND		1.0	0.36	ug/L		05/18/13 16:35		1
Toluene	ND		1.0	0.51	ug/L		05/18/13 16:35		1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L		05/18/13 16:35		1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L		05/18/13 16:35		1
Trichloroethene	ND		1.0	0.46	ug/L		05/18/13 16:35		1
Vinyl chloride	ND		1.0	0.90	ug/L		05/18/13 16:35		1
Xylenes, Total	ND		2.0	0.66	ug/L		05/18/13 16:35		1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100			66 - 137			05/18/13 16:35		1
Toluene-d8 (Surr)	100			71 - 126			05/18/13 16:35		1
4-Bromofluorobenzene (Surr)	100			73 - 120			05/18/13 16:35		1

TestAmerica Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38081-1
 SDG: 480-38081

Client Sample ID: OSMW-1S 050913

Lab Sample ID: 480-38081-10

Date Collected: 05/09/13 11:50

Matrix: Ground Water

Date Received: 05/10/13 09:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0	3.3	ug/L			05/19/13 14:12	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			05/19/13 14:12	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			05/19/13 14:12	4
1,1-Dichloroethane	4.5		4.0	1.5	ug/L			05/19/13 14:12	4
1,1-Dichloroethene	3.1 J		4.0	1.2	ug/L			05/19/13 14:12	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			05/19/13 14:12	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			05/19/13 14:12	4
2-Hexanone	ND		20	5.0	ug/L			05/19/13 14:12	4
2-Butanone (MEK)	ND		40	5.3	ug/L			05/19/13 14:12	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			05/19/13 14:12	4
Acetone	ND		40	12	ug/L			05/19/13 14:12	4
Benzene	ND		4.0	1.6	ug/L			05/19/13 14:12	4
Bromodichloromethane	ND		4.0	1.6	ug/L			05/19/13 14:12	4
Bromoform	ND		4.0	1.0	ug/L			05/19/13 14:12	4
Bromomethane	ND		4.0	2.8	ug/L			05/19/13 14:12	4
Carbon disulfide	ND		4.0	0.76	ug/L			05/19/13 14:12	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			05/19/13 14:12	4
Chlorobenzene	ND		4.0	3.0	ug/L			05/19/13 14:12	4
Dibromochloromethane	ND		4.0	1.3	ug/L			05/19/13 14:12	4
Chloroethane	ND		4.0	1.3	ug/L			05/19/13 14:12	4
Chloroform	ND		4.0	1.4	ug/L			05/19/13 14:12	4
Chloromethane	ND		4.0	1.4	ug/L			05/19/13 14:12	4
cis-1,2-Dichloroethene	270		4.0	3.2	ug/L			05/19/13 14:12	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			05/19/13 14:12	4
Ethylbenzene	ND		4.0	3.0	ug/L			05/19/13 14:12	4
Methylene Chloride	ND		4.0	1.8	ug/L			05/19/13 14:12	4
Styrene	ND		4.0	2.9	ug/L			05/19/13 14:12	4
Tetrachloroethene	ND		4.0	1.4	ug/L			05/19/13 14:12	4
Toluene	ND		4.0	2.0	ug/L			05/19/13 14:12	4
trans-1,2-Dichloroethene	ND		4.0	3.6	ug/L			05/19/13 14:12	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			05/19/13 14:12	4
Trichloroethene	ND		4.0	1.8	ug/L			05/19/13 14:12	4
Vinyl chloride	180		4.0	3.6	ug/L			05/19/13 14:12	4
Xylenes, Total	ND		8.0	2.6	ug/L			05/19/13 14:12	4
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104			66 - 137				05/19/13 14:12	4
Toluene-d8 (Surr)	104			71 - 126				05/19/13 14:12	4
4-Bromofluorobenzene (Surr)	104			73 - 120				05/19/13 14:12	4

TestAmerica Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38081-1
 SDG: 480-38081

Client Sample ID: OSMW-1D 050913

Lab Sample ID: 480-38081-11

Date Collected: 05/09/13 11:55
 Date Received: 05/10/13 09:15

Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L		05/19/13 14:34		1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L		05/19/13 14:34		1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L		05/19/13 14:34		1
1,1-Dichloroethane	3.0		1.0	0.38	ug/L		05/19/13 14:34		1
1,1-Dichloroethene	ND		1.0	0.29	ug/L		05/19/13 14:34		1
1,2-Dichloroethane	ND		1.0	0.21	ug/L		05/19/13 14:34		1
1,2-Dichloropropane	ND		1.0	0.72	ug/L		05/19/13 14:34		1
2-Hexanone	ND		5.0	1.2	ug/L		05/19/13 14:34		1
2-Butanone (MEK)	ND		10	1.3	ug/L		05/19/13 14:34		1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L		05/19/13 14:34		1
Acetone	3.1 J		10	3.0	ug/L		05/19/13 14:34		1
Benzene	ND		1.0	0.41	ug/L		05/19/13 14:34		1
Bromodichloromethane	ND		1.0	0.39	ug/L		05/19/13 14:34		1
Bromoform	ND		1.0	0.26	ug/L		05/19/13 14:34		1
Bromomethane	ND		1.0	0.69	ug/L		05/19/13 14:34		1
Carbon disulfide	ND		1.0	0.19	ug/L		05/19/13 14:34		1
Carbon tetrachloride	ND		1.0	0.27	ug/L		05/19/13 14:34		1
Chlorobenzene	ND		1.0	0.75	ug/L		05/19/13 14:34		1
Dibromochloromethane	ND		1.0	0.32	ug/L		05/19/13 14:34		1
Chloroethane	ND		1.0	0.32	ug/L		05/19/13 14:34		1
Chloroform	ND		1.0	0.34	ug/L		05/19/13 14:34		1
Chloromethane	ND		1.0	0.35	ug/L		05/19/13 14:34		1
cis-1,2-Dichloroethene	41		1.0	0.81	ug/L		05/19/13 14:34		1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L		05/19/13 14:34		1
Ethylbenzene	ND		1.0	0.74	ug/L		05/19/13 14:34		1
Methylene Chloride	ND		1.0	0.44	ug/L		05/19/13 14:34		1
Styrene	ND		1.0	0.73	ug/L		05/19/13 14:34		1
Tetrachloroethene	ND		1.0	0.36	ug/L		05/19/13 14:34		1
Toluene	ND		1.0	0.51	ug/L		05/19/13 14:34		1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L		05/19/13 14:34		1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L		05/19/13 14:34		1
Trichloroethene	ND		1.0	0.46	ug/L		05/19/13 14:34		1
Vinyl chloride	61		1.0	0.90	ug/L		05/19/13 14:34		1
Xylenes, Total	ND		2.0	0.66	ug/L		05/19/13 14:34		1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106			66 - 137			05/19/13 14:34		1
Toluene-d8 (Surr)	103			71 - 126			05/19/13 14:34		1
4-Bromofluorobenzene (Surr)	99			73 - 120			05/19/13 14:34		1

TestAmerica Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38081-1
 SDG: 480-38081

Client Sample ID: AF-5P 050913

Date Collected: 05/09/13 12:30
 Date Received: 05/10/13 09:15

Lab Sample ID: 480-38081-12

Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	24		2.0	1.6	ug/L		05/19/13 14:57		2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L		05/19/13 14:57		2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L		05/19/13 14:57		2
1,1-Dichloroethane	4.1		2.0	0.76	ug/L		05/19/13 14:57		2
1,1-Dichloroethene	4.1		2.0	0.58	ug/L		05/19/13 14:57		2
1,2-Dichloroethane	ND		2.0	0.42	ug/L		05/19/13 14:57		2
1,2-Dichloropropane	ND		2.0	1.4	ug/L		05/19/13 14:57		2
2-Hexanone	ND		10	2.5	ug/L		05/19/13 14:57		2
2-Butanone (MEK)	ND		20	2.6	ug/L		05/19/13 14:57		2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L		05/19/13 14:57		2
Acetone	ND		20	6.0	ug/L		05/19/13 14:57		2
Benzene	ND		2.0	0.82	ug/L		05/19/13 14:57		2
Bromodichloromethane	ND		2.0	0.78	ug/L		05/19/13 14:57		2
Bromoform	ND		2.0	0.52	ug/L		05/19/13 14:57		2
Bromomethane	ND		2.0	1.4	ug/L		05/19/13 14:57		2
Carbon disulfide	ND		2.0	0.38	ug/L		05/19/13 14:57		2
Carbon tetrachloride	ND		2.0	0.54	ug/L		05/19/13 14:57		2
Chlorobenzene	ND		2.0	1.5	ug/L		05/19/13 14:57		2
Dibromochloromethane	ND		2.0	0.64	ug/L		05/19/13 14:57		2
Chloroethane	ND		2.0	0.64	ug/L		05/19/13 14:57		2
Chloroform	ND		2.0	0.68	ug/L		05/19/13 14:57		2
Chloromethane	ND		2.0	0.70	ug/L		05/19/13 14:57		2
cis-1,2-Dichloroethene	2.8		2.0	1.6	ug/L		05/19/13 14:57		2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L		05/19/13 14:57		2
Ethylbenzene	ND		2.0	1.5	ug/L		05/19/13 14:57		2
Methylene Chloride	ND		2.0	0.88	ug/L		05/19/13 14:57		2
Styrene	ND		2.0	1.5	ug/L		05/19/13 14:57		2
Tetrachloroethene	1.5 J		2.0	0.72	ug/L		05/19/13 14:57		2
Toluene	ND		2.0	1.0	ug/L		05/19/13 14:57		2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L		05/19/13 14:57		2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L		05/19/13 14:57		2
Trichloroethene	120		2.0	0.92	ug/L		05/19/13 14:57		2
Vinyl chloride	ND		2.0	1.8	ug/L		05/19/13 14:57		2
Xylenes, Total	ND		4.0	1.3	ug/L		05/19/13 14:57		2
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96			66 - 137			05/19/13 14:57		2
Toluene-d8 (Surr)	95			71 - 126			05/19/13 14:57		2
4-Bromofluorobenzene (Surr)	93			73 - 120			05/19/13 14:57		2

TestAmerica Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38081-1
 SDG: 480-38081

Client Sample ID: AF-5S 050913

Date Collected: 05/09/13 12:40

Date Received: 05/10/13 09:15

Lab Sample ID: 480-38081-13

Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			05/18/13 18:07	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/18/13 18:07	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/18/13 18:07	1
1,1-Dichloroethane	5.8		1.0	0.38	ug/L			05/18/13 18:07	1
1,1-Dichloroethene	0.58 J		1.0	0.29	ug/L			05/18/13 18:07	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/18/13 18:07	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/18/13 18:07	1
2-Hexanone	ND		5.0	1.2	ug/L			05/18/13 18:07	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/18/13 18:07	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/18/13 18:07	1
Acetone	ND		10	3.0	ug/L			05/18/13 18:07	1
Benzene	0.50 J		1.0	0.41	ug/L			05/18/13 18:07	1
Bromodichloromethane	ND		1.0	0.39	ug/L			05/18/13 18:07	1
Bromoform	ND		1.0	0.26	ug/L			05/18/13 18:07	1
Bromomethane	ND		1.0	0.69	ug/L			05/18/13 18:07	1
Carbon disulfide	ND		1.0	0.19	ug/L			05/18/13 18:07	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/18/13 18:07	1
Chlorobenzene	ND		1.0	0.75	ug/L			05/18/13 18:07	1
Dibromochloromethane	ND		1.0	0.32	ug/L			05/18/13 18:07	1
Chloroethane	0.48 J		1.0	0.32	ug/L			05/18/13 18:07	1
Chloroform	ND		1.0	0.34	ug/L			05/18/13 18:07	1
Chloromethane	ND		1.0	0.35	ug/L			05/18/13 18:07	1
cis-1,2-Dichloroethene	3.3		1.0	0.81	ug/L			05/18/13 18:07	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			05/18/13 18:07	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/18/13 18:07	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/18/13 18:07	1
Styrene	ND		1.0	0.73	ug/L			05/18/13 18:07	1
Tetrachloroethene	ND		1.0	0.36	ug/L			05/18/13 18:07	1
Toluene	ND		1.0	0.51	ug/L			05/18/13 18:07	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			05/18/13 18:07	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			05/18/13 18:07	1
Trichloroethene	ND		1.0	0.46	ug/L			05/18/13 18:07	1
Vinyl chloride	48		1.0	0.90	ug/L			05/18/13 18:07	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/18/13 18:07	1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100			66 - 137				05/18/13 18:07	1
Toluene-d8 (Surr)	100			71 - 126				05/18/13 18:07	1
4-Bromofluorobenzene (Surr)	98			73 - 120				05/18/13 18:07	1

TestAmerica Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38081-1
 SDG: 480-38081

Client Sample ID: AF-5D 050913

Date Collected: 05/09/13 12:45

Date Received: 05/10/13 09:15

Lab Sample ID: 480-38081-14

Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L		05/18/13 18:29		1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L		05/18/13 18:29		1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L		05/18/13 18:29		1
1,1-Dichloroethane	ND		1.0	0.38	ug/L		05/18/13 18:29		1
1,1-Dichloroethene	ND		1.0	0.29	ug/L		05/18/13 18:29		1
1,2-Dichloroethane	ND		1.0	0.21	ug/L		05/18/13 18:29		1
1,2-Dichloropropane	ND		1.0	0.72	ug/L		05/18/13 18:29		1
2-Hexanone	ND		5.0	1.2	ug/L		05/18/13 18:29		1
2-Butanone (MEK)	ND		10	1.3	ug/L		05/18/13 18:29		1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L		05/18/13 18:29		1
Acetone	4.5 J		10	3.0	ug/L		05/18/13 18:29		1
Benzene	ND		1.0	0.41	ug/L		05/18/13 18:29		1
Bromodichloromethane	ND		1.0	0.39	ug/L		05/18/13 18:29		1
Bromoform	ND		1.0	0.26	ug/L		05/18/13 18:29		1
Bromomethane	ND		1.0	0.69	ug/L		05/18/13 18:29		1
Carbon disulfide	ND		1.0	0.19	ug/L		05/18/13 18:29		1
Carbon tetrachloride	ND		1.0	0.27	ug/L		05/18/13 18:29		1
Chlorobenzene	ND		1.0	0.75	ug/L		05/18/13 18:29		1
Dibromochloromethane	ND		1.0	0.32	ug/L		05/18/13 18:29		1
Chloroethane	ND		1.0	0.32	ug/L		05/18/13 18:29		1
Chloroform	ND		1.0	0.34	ug/L		05/18/13 18:29		1
Chloromethane	ND		1.0	0.35	ug/L		05/18/13 18:29		1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L		05/18/13 18:29		1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L		05/18/13 18:29		1
Ethylbenzene	ND		1.0	0.74	ug/L		05/18/13 18:29		1
Methylene Chloride	ND		1.0	0.44	ug/L		05/18/13 18:29		1
Styrene	ND		1.0	0.73	ug/L		05/18/13 18:29		1
Tetrachloroethene	ND		1.0	0.36	ug/L		05/18/13 18:29		1
Toluene	ND		1.0	0.51	ug/L		05/18/13 18:29		1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L		05/18/13 18:29		1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L		05/18/13 18:29		1
Trichloroethene	ND		1.0	0.46	ug/L		05/18/13 18:29		1
Vinyl chloride	ND		1.0	0.90	ug/L		05/18/13 18:29		1
Xylenes, Total	ND		2.0	0.66	ug/L		05/18/13 18:29		1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95			66 - 137			05/18/13 18:29		1
Toluene-d8 (Surr)	93			71 - 126			05/18/13 18:29		1
4-Bromofluorobenzene (Surr)	94			73 - 120			05/18/13 18:29		1

TestAmerica Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38081-1
 SDG: 480-38081

Client Sample ID: ADW-5D 050913

Date Collected: 05/09/13 12:50
 Date Received: 05/10/13 09:15

Lab Sample ID: 480-38081-15

Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L		05/18/13 19:38		1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L		05/18/13 19:38		1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L		05/18/13 19:38		1
1,1-Dichloroethane	ND		1.0	0.38	ug/L		05/18/13 19:38		1
1,1-Dichloroethene	ND		1.0	0.29	ug/L		05/18/13 19:38		1
1,2-Dichloroethane	ND		1.0	0.21	ug/L		05/18/13 19:38		1
1,2-Dichloropropane	ND		1.0	0.72	ug/L		05/18/13 19:38		1
2-Hexanone	ND		5.0	1.2	ug/L		05/18/13 19:38		1
2-Butanone (MEK)	ND		10	1.3	ug/L		05/18/13 19:38		1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L		05/18/13 19:38		1
Acetone	7.0 J		10	3.0	ug/L		05/18/13 19:38		1
Benzene	ND		1.0	0.41	ug/L		05/18/13 19:38		1
Bromodichloromethane	ND		1.0	0.39	ug/L		05/18/13 19:38		1
Bromoform	ND		1.0	0.26	ug/L		05/18/13 19:38		1
Bromomethane	ND		1.0	0.69	ug/L		05/18/13 19:38		1
Carbon disulfide	ND		1.0	0.19	ug/L		05/18/13 19:38		1
Carbon tetrachloride	ND		1.0	0.27	ug/L		05/18/13 19:38		1
Chlorobenzene	ND		1.0	0.75	ug/L		05/18/13 19:38		1
Dibromochloromethane	ND		1.0	0.32	ug/L		05/18/13 19:38		1
Chloroethane	ND		1.0	0.32	ug/L		05/18/13 19:38		1
Chloroform	ND		1.0	0.34	ug/L		05/18/13 19:38		1
Chloromethane	ND		1.0	0.35	ug/L		05/18/13 19:38		1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L		05/18/13 19:38		1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L		05/18/13 19:38		1
Ethylbenzene	ND		1.0	0.74	ug/L		05/18/13 19:38		1
Methylene Chloride	ND		1.0	0.44	ug/L		05/18/13 19:38		1
Styrene	ND		1.0	0.73	ug/L		05/18/13 19:38		1
Tetrachloroethene	ND		1.0	0.36	ug/L		05/18/13 19:38		1
Toluene	ND		1.0	0.51	ug/L		05/18/13 19:38		1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L		05/18/13 19:38		1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L		05/18/13 19:38		1
Trichloroethene	ND		1.0	0.46	ug/L		05/18/13 19:38		1
Vinyl chloride	ND		1.0	0.90	ug/L		05/18/13 19:38		1
Xylenes, Total	ND		2.0	0.66	ug/L		05/18/13 19:38		1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104			66 - 137			05/18/13 19:38		1
Toluene-d8 (Surr)	103			71 - 126			05/18/13 19:38		1
4-Bromofluorobenzene (Surr)	101			73 - 120			05/18/13 19:38		1

TestAmerica Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38081-1
 SDG: 480-38081

Client Sample ID: Trip Blank 050913

Lab Sample ID: 480-38081-16

Matrix: Water

Date Collected: 05/09/13 00:00

Date Received: 05/10/13 09:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L		05/18/13 20:00		1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L		05/18/13 20:00		1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L		05/18/13 20:00		1
1,1-Dichloroethane	ND		1.0	0.38	ug/L		05/18/13 20:00		1
1,1-Dichloroethene	ND		1.0	0.29	ug/L		05/18/13 20:00		1
1,2-Dichloroethane	ND		1.0	0.21	ug/L		05/18/13 20:00		1
1,2-Dichloropropane	ND		1.0	0.72	ug/L		05/18/13 20:00		1
2-Hexanone	ND		5.0	1.2	ug/L		05/18/13 20:00		1
2-Butanone (MEK)	ND		10	1.3	ug/L		05/18/13 20:00		1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L		05/18/13 20:00		1
Acetone	ND		10	3.0	ug/L		05/18/13 20:00		1
Benzene	ND		1.0	0.41	ug/L		05/18/13 20:00		1
Bromodichloromethane	ND		1.0	0.39	ug/L		05/18/13 20:00		1
Bromoform	ND		1.0	0.26	ug/L		05/18/13 20:00		1
Bromomethane	ND		1.0	0.69	ug/L		05/18/13 20:00		1
Carbon disulfide	ND		1.0	0.19	ug/L		05/18/13 20:00		1
Carbon tetrachloride	ND		1.0	0.27	ug/L		05/18/13 20:00		1
Chlorobenzene	ND		1.0	0.75	ug/L		05/18/13 20:00		1
Dibromochloromethane	ND		1.0	0.32	ug/L		05/18/13 20:00		1
Chloroethane	ND		1.0	0.32	ug/L		05/18/13 20:00		1
Chloroform	ND		1.0	0.34	ug/L		05/18/13 20:00		1
Chloromethane	ND		1.0	0.35	ug/L		05/18/13 20:00		1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L		05/18/13 20:00		1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L		05/18/13 20:00		1
Ethylbenzene	ND		1.0	0.74	ug/L		05/18/13 20:00		1
Methylene Chloride	0.44 JB		1.0	0.44	ug/L		05/18/13 20:00		1
Styrene	ND		1.0	0.73	ug/L		05/18/13 20:00		1
Tetrachloroethene	ND		1.0	0.36	ug/L		05/18/13 20:00		1
Toluene	ND		1.0	0.51	ug/L		05/18/13 20:00		1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L		05/18/13 20:00		1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L		05/18/13 20:00		1
Trichloroethene	ND		1.0	0.46	ug/L		05/18/13 20:00		1
Vinyl chloride	ND		1.0	0.90	ug/L		05/18/13 20:00		1
Xylenes, Total	ND		2.0	0.66	ug/L		05/18/13 20:00		1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106			66 - 137			05/18/13 20:00		1
Toluene-d8 (Surr)	106			71 - 126			05/18/13 20:00		1
4-Bromofluorobenzene (Surr)	107			73 - 120			05/18/13 20:00		1

TestAmerica Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38081-1
 SDG: 480-38081

Client Sample ID: AOCPT-MW1SR051313

Lab Sample ID: 480-38226-1

Date Collected: 05/13/13 11:45
 Date Received: 05/14/13 09:00

Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			05/21/13 01:22	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/21/13 01:22	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/21/13 01:22	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			05/21/13 01:22	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			05/21/13 01:22	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/21/13 01:22	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/21/13 01:22	1
2-Hexanone	ND		5.0	1.2	ug/L			05/21/13 01:22	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/21/13 01:22	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/21/13 01:22	1
Acetone	4.9 J		10	3.0	ug/L			05/21/13 01:22	1
Benzene	ND		1.0	0.41	ug/L			05/21/13 01:22	1
Bromodichloromethane	ND		1.0	0.39	ug/L			05/21/13 01:22	1
Bromoform	ND		1.0	0.26	ug/L			05/21/13 01:22	1
Bromomethane	ND		1.0	0.69	ug/L			05/21/13 01:22	1
Carbon disulfide	ND		1.0	0.19	ug/L			05/21/13 01:22	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/21/13 01:22	1
Chlorobenzene	ND		1.0	0.75	ug/L			05/21/13 01:22	1
Dibromochloromethane	ND		1.0	0.32	ug/L			05/21/13 01:22	1
Chloroethane	ND		1.0	0.32	ug/L			05/21/13 01:22	1
Chloroform	ND		1.0	0.34	ug/L			05/21/13 01:22	1
Chloromethane	ND		1.0	0.35	ug/L			05/21/13 01:22	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			05/21/13 01:22	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			05/21/13 01:22	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/21/13 01:22	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/21/13 01:22	1
Styrene	ND		1.0	0.73	ug/L			05/21/13 01:22	1
Tetrachloroethene	ND		1.0	0.36	ug/L			05/21/13 01:22	1
Toluene	ND		1.0	0.51	ug/L			05/21/13 01:22	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			05/21/13 01:22	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			05/21/13 01:22	1
Trichloroethene	ND		1.0	0.46	ug/L			05/21/13 01:22	1
Vinyl chloride	ND		1.0	0.90	ug/L			05/21/13 01:22	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/21/13 01:22	1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95			66 - 137				05/21/13 01:22	1
Toluene-d8 (Surr)	94			71 - 126				05/21/13 01:22	1
4-Bromofluorobenzene (Surr)	88			73 - 120				05/21/13 01:22	1

TestAmerica Buffalo

Client Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38081-1
 SDG: 480-38081

Client Sample ID: Trip Blank 051313

Lab Sample ID: 480-38226-2

Matrix: Water

Date Collected: 05/13/13 00:00

Date Received: 05/14/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			05/21/13 01:44	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/21/13 01:44	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/21/13 01:44	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			05/21/13 01:44	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			05/21/13 01:44	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/21/13 01:44	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/21/13 01:44	1
2-Hexanone	ND		5.0	1.2	ug/L			05/21/13 01:44	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/21/13 01:44	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/21/13 01:44	1
Acetone	ND		10	3.0	ug/L			05/21/13 01:44	1
Benzene	ND		1.0	0.41	ug/L			05/21/13 01:44	1
Bromodichloromethane	ND		1.0	0.39	ug/L			05/21/13 01:44	1
Bromoform	ND		1.0	0.26	ug/L			05/21/13 01:44	1
Bromomethane	ND		1.0	0.69	ug/L			05/21/13 01:44	1
Carbon disulfide	ND		1.0	0.19	ug/L			05/21/13 01:44	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/21/13 01:44	1
Chlorobenzene	ND		1.0	0.75	ug/L			05/21/13 01:44	1
Dibromochloromethane	ND		1.0	0.32	ug/L			05/21/13 01:44	1
Chloroethane	ND		1.0	0.32	ug/L			05/21/13 01:44	1
Chloroform	ND		1.0	0.34	ug/L			05/21/13 01:44	1
Chloromethane	ND		1.0	0.35	ug/L			05/21/13 01:44	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			05/21/13 01:44	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			05/21/13 01:44	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/21/13 01:44	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/21/13 01:44	1
Styrene	ND		1.0	0.73	ug/L			05/21/13 01:44	1
Tetrachloroethene	ND		1.0	0.36	ug/L			05/21/13 01:44	1
Toluene	ND		1.0	0.51	ug/L			05/21/13 01:44	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			05/21/13 01:44	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			05/21/13 01:44	1
Trichloroethene	ND		1.0	0.46	ug/L			05/21/13 01:44	1
Vinyl chloride	ND		1.0	0.90	ug/L			05/21/13 01:44	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/21/13 01:44	1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98			66 - 137				05/21/13 01:44	1
Toluene-d8 (Surr)	97			71 - 126				05/21/13 01:44	1
4-Bromofluorobenzene (Surr)	93			73 - 120				05/21/13 01:44	1

TestAmerica Buffalo

Surrogate Summary

Client: O'Brien & Gere Inc of North America
 Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38081-1
 SDG: 480-38081

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Ground Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		12DCE (66-137)	TOL (71-126)	BFB (73-120)
480-38081-1	AF-9S 050913	99	97	97
480-38081-2	OSMW-7D 050913	101	101	101
480-38081-3	OSMW-6S 050913	103	100	100
480-38081-4	OSMW-6D 050913	101	99	98
480-38081-5	OSMW-5D 050913	106	102	103
480-38081-6	OSMW-5S 050913	102	98	98
480-38081-7	H-221 050913	101	98	97
480-38081-8	OSMW-2P 050913	105	104	104
480-38081-9	OSMW-1P 050913	100	100	100
480-38081-10	OSMW-1S 050913	104	104	104
480-38081-11	OSMW-1D 050913	106	103	99
480-38081-12	AF-5P 050913	96	95	93
480-38081-13	AF-5S 050913	100	100	98
480-38081-14	AF-5D 050913	95	93	94
480-38081-14 MS	AF-5D 050913	103	100	101
480-38081-14 MSD	AF-5D 050913	103	103	104
480-38081-15	ADW-5D 050913	104	103	101
480-38226-1	AOC PST-MW1SR051313	95	94	88

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		12DCE (66-137)	TOL (71-126)	BFB (73-120)
480-38081-16	Trip Blank 050913	106	106	107
480-38226-2	Trip Blank 051313	98	97	93
LCS 480-119412/4	Lab Control Sample	102	102	105
LCS 480-119471/6	Lab Control Sample	97	100	100
LCS 480-119666/5	Lab Control Sample	100	104	100
LCSD 480-119666/7	Lab Control Sample Dup	103	104	105
MB 480-119412/5	Method Blank	102	100	98
MB 480-119471/7	Method Blank	105	102	102
MB 480-119666/6	Method Blank	106	104	103

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

TestAmerica Buffalo

QC Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38081-1
 SDG: 480-38081

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-119412/5

Matrix: Water

Analysis Batch: 119412

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier									
1,1,1-Trichloroethane	ND				1.0	0.82	ug/L			05/18/13 11:10	1
1,1,2,2-Tetrachloroethane	ND				1.0	0.21	ug/L			05/18/13 11:10	1
1,1,2-Trichloroethane	ND				1.0	0.23	ug/L			05/18/13 11:10	1
1,1-Dichloroethane	ND				1.0	0.38	ug/L			05/18/13 11:10	1
1,1-Dichloroethene	ND				1.0	0.29	ug/L			05/18/13 11:10	1
1,2-Dichloroethane	ND				1.0	0.21	ug/L			05/18/13 11:10	1
1,2-Dichloropropane	ND				1.0	0.72	ug/L			05/18/13 11:10	1
2-Hexanone	ND				5.0	1.2	ug/L			05/18/13 11:10	1
2-Butanone (MEK)	ND				10	1.3	ug/L			05/18/13 11:10	1
4-Methyl-2-pentanone (MIBK)	ND				5.0	2.1	ug/L			05/18/13 11:10	1
Acetone	ND				10	3.0	ug/L			05/18/13 11:10	1
Benzene	ND				1.0	0.41	ug/L			05/18/13 11:10	1
Bromodichloromethane	ND				1.0	0.39	ug/L			05/18/13 11:10	1
Bromoform	ND				1.0	0.26	ug/L			05/18/13 11:10	1
Bromomethane	ND				1.0	0.69	ug/L			05/18/13 11:10	1
Carbon disulfide	ND				1.0	0.19	ug/L			05/18/13 11:10	1
Carbon tetrachloride	ND				1.0	0.27	ug/L			05/18/13 11:10	1
Chlorobenzene	ND				1.0	0.75	ug/L			05/18/13 11:10	1
Dibromochloromethane	ND				1.0	0.32	ug/L			05/18/13 11:10	1
Chloroethane	ND				1.0	0.32	ug/L			05/18/13 11:10	1
Chloroform	ND				1.0	0.34	ug/L			05/18/13 11:10	1
Chloromethane	ND				1.0	0.35	ug/L			05/18/13 11:10	1
cis-1,2-Dichloroethene	ND				1.0	0.81	ug/L			05/18/13 11:10	1
cis-1,3-Dichloropropene	ND				1.0	0.36	ug/L			05/18/13 11:10	1
Ethylbenzene	ND				1.0	0.74	ug/L			05/18/13 11:10	1
Methylene Chloride	1.52				1.0	0.44	ug/L			05/18/13 11:10	1
Styrene	ND				1.0	0.73	ug/L			05/18/13 11:10	1
Tetrachloroethene	ND				1.0	0.36	ug/L			05/18/13 11:10	1
Toluene	ND				1.0	0.51	ug/L			05/18/13 11:10	1
trans-1,2-Dichloroethene	ND				1.0	0.90	ug/L			05/18/13 11:10	1
trans-1,3-Dichloropropene	ND				1.0	0.37	ug/L			05/18/13 11:10	1
Trichloroethene	ND				1.0	0.46	ug/L			05/18/13 11:10	1
Vinyl chloride	ND				1.0	0.90	ug/L			05/18/13 11:10	1
Xylenes, Total	ND				2.0	0.66	ug/L			05/18/13 11:10	1

Surrogate	MB	MB	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
1,2-Dichloroethane-d4 (Surr)	102		66 - 137				05/18/13 11:10	1
Toluene-d8 (Surr)	100		71 - 126				05/18/13 11:10	1
4-Bromofluorobenzene (Surr)	98		73 - 120				05/18/13 11:10	1

Lab Sample ID: LCS 480-119412/4

Matrix: Water

Analysis Batch: 119412

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike	LCS			%Rec.	Limits
	Added	Result	Qualifier	Unit	D	
1,1,1-Trichloroethane	25.0	22.3		ug/L	89	73 - 126
1,1,2,2-Tetrachloroethane	25.0	25.7		ug/L	103	70 - 126
1,1,2-Trichloroethane	25.0	25.8		ug/L	103	76 - 122

TestAmerica Buffalo

QC Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38081-1
 SDG: 480-38081

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-119412/4

Matrix: Water

Analysis Batch: 119412

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS		Unit	D	%Rec	Limits
		Result	Qualifier				
1,1-Dichloroethane	25.0	24.6		ug/L		98	71 - 129
1,1-Dichloroethene	25.0	24.1		ug/L		96	58 - 121
1,2-Dichloroethane	25.0	25.2		ug/L		101	75 - 127
1,2-Dichloropropane	25.0	25.3		ug/L		101	76 - 120
2-Hexanone	125	134		ug/L		107	65 - 127
2-Butanone (MEK)	125	126		ug/L		101	57 - 140
4-Methyl-2-pentanone (MIBK)	125	130		ug/L		104	71 - 125
Acetone	125	129		ug/L		103	56 - 142
Benzene	25.0	24.9		ug/L		100	71 - 124
Bromodichloromethane	25.0	22.6		ug/L		90	80 - 122
Bromoform	25.0	20.8		ug/L		83	66 - 128
Bromomethane	25.0	18.0		ug/L		72	55 - 144
Carbon disulfide	25.0	16.9		ug/L		68	59 - 134
Carbon tetrachloride	25.0	24.2		ug/L		97	72 - 134
Chlorobenzene	25.0	24.8		ug/L		99	72 - 120
Dibromochloromethane	25.0	21.7		ug/L		87	75 - 125
Chloroethane	25.0	21.8		ug/L		87	69 - 136
Chloroform	25.0	24.4		ug/L		98	73 - 127
Chloromethane	25.0	24.5		ug/L		98	68 - 124
cis-1,2-Dichloroethane	25.0	25.3		ug/L		101	74 - 124
cis-1,3-Dichloropropene	25.0	23.3		ug/L		93	74 - 124
Ethylbenzene	25.0	25.1		ug/L		100	77 - 123
Methylene Chloride	25.0	24.9		ug/L		100	57 - 132
Styrene	25.0	25.7		ug/L		103	70 - 130
Tetrachloroethene	25.0	22.9		ug/L		92	74 - 122
Toluene	25.0	24.7		ug/L		99	80 - 122
trans-1,2-Dichloroethene	25.0	25.4		ug/L		102	73 - 127
trans-1,3-Dichloropropene	25.0	23.3		ug/L		93	72 - 123
Trichloroethene	25.0	25.1		ug/L		100	74 - 123
Vinyl chloride	25.0	22.7		ug/L		91	65 - 133
Xylenes, Total	75.0	75.4		ug/L		101	76 - 122

Surrogate	LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	102		66 - 137
Toluene-d8 (Surr)	102		71 - 126
4-Bromofluorobenzene (Surr)	105		73 - 120

Lab Sample ID: 480-38081-14 MS

Matrix: Ground Water

Analysis Batch: 119412

Client Sample ID: AF-5D 050913
Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS		Unit	D	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier				
1,1,1-Trichloroethane	ND		25.0	28.4		ug/L		114	73 - 126
1,1,2,2-Tetrachloroethane	ND		25.0	27.1		ug/L		109	70 - 126
1,1,2-Trichloroethane	ND		25.0	27.7		ug/L		111	76 - 122
1,1-Dichloroethane	ND		25.0	29.8		ug/L		119	71 - 129
1,1-Dichloroethene	ND		25.0	28.6		ug/L		114	58 - 121
1,2-Dichloroethane	ND		25.0	27.7		ug/L		111	75 - 127

TestAmerica Buffalo

QC Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38081-1
 SDG: 480-38081

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-38081-14 MS

Matrix: Ground Water

Analysis Batch: 119412

Client Sample ID: AF-5D 050913
Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.
	Result	Qualifier	Added	Result	Qualifier				
1,2-Dichloropropane	ND		25.0	29.2		ug/L		117	76 - 120
2-Hexanone	ND		125	138		ug/L		111	65 - 127
2-Butanone (MEK)	ND		125	132		ug/L		106	57 - 140
4-Methyl-2-pentanone (MIBK)	ND		125	133		ug/L		107	71 - 125
Acetone	4.5	J	125	130		ug/L		101	56 - 142
Benzene	ND		25.0	29.9		ug/L		120	71 - 124
Bromodichloromethane	ND		25.0	24.2		ug/L		97	80 - 122
Bromoform	ND		25.0	20.5		ug/L		82	66 - 128
Bromomethane	ND		25.0	24.3		ug/L		97	55 - 144
Carbon disulfide	ND		25.0	22.0		ug/L		88	59 - 134
Carbon tetrachloride	ND		25.0	26.6		ug/L		106	72 - 134
Chlorobenzene	ND		25.0	28.6		ug/L		114	72 - 120
Dibromochloromethane	ND		25.0	22.6		ug/L		90	75 - 125
Chloroethane	ND		25.0	27.6		ug/L		110	69 - 136
Chloroform	ND		25.0	28.3		ug/L		113	73 - 127
Chloromethane	ND		25.0	28.3		ug/L		113	68 - 124
cis-1,2-Dichloroethene	ND		25.0	29.3		ug/L		117	74 - 124
cis-1,3-Dichloropropene	ND		25.0	24.2		ug/L		97	74 - 124
Ethylbenzene	ND		25.0	29.8		ug/L		119	77 - 123
Methylene Chloride	ND		25.0	28.1		ug/L		112	57 - 132
Styrene	ND		25.0	29.4		ug/L		117	70 - 130
Tetrachloroethene	ND		25.0	28.2		ug/L		113	74 - 122
Toluene	ND		25.0	29.1		ug/L		116	80 - 122
trans-1,2-Dichloroethene	ND		25.0	31.0		ug/L		124	73 - 127
trans-1,3-Dichloropropene	ND		25.0	23.9		ug/L		95	72 - 123
Trichloroethene	ND		25.0	30.2		ug/L		121	74 - 123
Vinyl chloride	ND		25.0	30.2		ug/L		121	65 - 133
Xylenes, Total	ND		75.0	90.3		ug/L		120	76 - 122

MS MS

Surrogate	MS	MS	Qualifer	Limits
	%Recovery			
1,2-Dichloroethane-d4 (Surr)	103			66 - 137
Toluene-d8 (Surr)	100			71 - 126
4-Bromofluorobenzene (Surr)	101			73 - 120

Lab Sample ID: 480-38081-14 MSD

Matrix: Ground Water

Analysis Batch: 119412

Client Sample ID: AF-5D 050913
Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
1,1,1-Trichloroethane	ND		25.0	27.3		ug/L		109	73 - 126	4	15
1,1,2,2-Tetrachloroethane	ND		25.0	27.6		ug/L		111	70 - 126	2	15
1,1,2-Trichloroethane	ND		25.0	27.6		ug/L		110	76 - 122	0	15
1,1-Dichloroethane	ND		25.0	29.4		ug/L		118	71 - 129	1	20
1,1-Dichloroethene	ND		25.0	28.1		ug/L		112	58 - 121	2	16
1,2-Dichloroethane	ND		25.0	27.6		ug/L		110	75 - 127	0	20
1,2-Dichloropropane	ND		25.0	28.3		ug/L		113	76 - 120	3	20
2-Hexanone	ND		125	140		ug/L		112	65 - 127	1	15
2-Butanone (MEK)	ND		125	133		ug/L		107	57 - 140	1	20

TestAmerica Buffalo

QC Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38081-1
 SDG: 480-38081

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-38081-14 MSD

Client Sample ID: AF-5D 050913

Matrix: Ground Water

Prep Type: Total/NA

Analysis Batch: 119412

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	Limits	RPD	RPD Limit
	Result	Qualifier	Added	Result	Qualifier						
4-Methyl-2-pentanone (MIBK)	ND		125	136		ug/L		109	71 - 125	2	35
Acetone	4.5	J	125	135		ug/L		104	56 - 142	3	15
Benzene	ND		25.0	29.2		ug/L		117	71 - 124	2	13
Bromodichloromethane	ND		25.0	25.0		ug/L		100	80 - 122	3	15
Bromoform	ND		25.0	21.4		ug/L		86	66 - 128	5	15
Bromomethane	ND		25.0	23.3		ug/L		93	55 - 144	4	15
Carbon disulfide	ND		25.0	23.6		ug/L		94	59 - 134	7	15
Carbon tetrachloride	ND		25.0	26.3		ug/L		105	72 - 134	1	15
Chlorobenzene	ND		25.0	28.6		ug/L		114	72 - 120	0	25
Dibromochloromethane	ND		25.0	23.3		ug/L		93	75 - 125	3	15
Chloroethane	ND		25.0	27.5		ug/L		110	69 - 136	0	15
Chloroform	ND		25.0	27.8		ug/L		111	73 - 127	2	20
Chloromethane	ND		25.0	27.3		ug/L		109	68 - 124	3	15
cis-1,2-Dichloroethene	ND		25.0	29.5		ug/L		118	74 - 124	1	15
cis-1,3-Dichloropropene	ND		25.0	24.0		ug/L		96	74 - 124	1	15
Ethylbenzene	ND		25.0	30.1		ug/L		120	77 - 123	1	15
Methylene Chloride	ND		25.0	27.8		ug/L		111	57 - 132	1	15
Styrene	ND		25.0	29.5		ug/L		118	70 - 130	0	20
Tetrachloroethene	ND		25.0	28.7		ug/L		115	74 - 122	2	20
Toluene	ND		25.0	29.1		ug/L		116	80 - 122	0	15
trans-1,2-Dichloroethene	ND		25.0	31.0		ug/L		124	73 - 127	0	20
trans-1,3-Dichloropropene	ND		25.0	24.6		ug/L		98	72 - 123	3	15
Trichloroethene	ND		25.0	29.2		ug/L		117	74 - 123	3	16
Vinyl chloride	ND		25.0	30.0		ug/L		120	65 - 133	1	15
Xylenes, Total	ND		75.0	90.5		ug/L		121	76 - 122	0	16

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	103		66 - 137
Toluene-d8 (Surr)	103		71 - 126
4-Bromofluorobenzene (Surr)	104		73 - 120

Lab Sample ID: MB 480-119471/7

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 119471

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			05/19/13 12:30	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/19/13 12:30	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/19/13 12:30	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			05/19/13 12:30	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			05/19/13 12:30	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/19/13 12:30	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/19/13 12:30	1
2-Hexanone	ND		5.0	1.2	ug/L			05/19/13 12:30	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/19/13 12:30	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/19/13 12:30	1
Acetone	ND		10	3.0	ug/L			05/19/13 12:30	1
Benzene	ND		1.0	0.41	ug/L			05/19/13 12:30	1

TestAmerica Buffalo

QC Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38081-1
 SDG: 480-38081

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-119471/7

Matrix: Water

Analysis Batch: 119471

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	ND	ND									
Bromodichloromethane	ND	ND			1.0	0.39	ug/L			05/19/13 12:30	1
Bromoform	ND	ND			1.0	0.26	ug/L			05/19/13 12:30	1
Bromomethane	ND	ND			1.0	0.69	ug/L			05/19/13 12:30	1
Carbon disulfide	ND	ND			1.0	0.19	ug/L			05/19/13 12:30	1
Carbon tetrachloride	ND	ND			1.0	0.27	ug/L			05/19/13 12:30	1
Chlorobenzene	ND	ND			1.0	0.75	ug/L			05/19/13 12:30	1
Dibromochloromethane	ND	ND			1.0	0.32	ug/L			05/19/13 12:30	1
Chloroethane	ND	ND			1.0	0.32	ug/L			05/19/13 12:30	1
Chloroform	ND	ND			1.0	0.34	ug/L			05/19/13 12:30	1
Chloromethane	ND	ND			1.0	0.35	ug/L			05/19/13 12:30	1
cis-1,2-Dichloroethene	ND	ND			1.0	0.81	ug/L			05/19/13 12:30	1
cis-1,3-Dichloropropene	ND	ND			1.0	0.36	ug/L			05/19/13 12:30	1
Ethylbenzene	ND	ND			1.0	0.74	ug/L			05/19/13 12:30	1
Methylene Chloride	ND	ND			1.0	0.44	ug/L			05/19/13 12:30	1
Styrene	ND	ND			1.0	0.73	ug/L			05/19/13 12:30	1
Tetrachloroethene	ND	ND			1.0	0.36	ug/L			05/19/13 12:30	1
Toluene	ND	ND			1.0	0.51	ug/L			05/19/13 12:30	1
trans-1,2-Dichloroethene	ND	ND			1.0	0.90	ug/L			05/19/13 12:30	1
trans-1,3-Dichloropropene	ND	ND			1.0	0.37	ug/L			05/19/13 12:30	1
Trichloroethene	ND	ND			1.0	0.46	ug/L			05/19/13 12:30	1
Vinyl chloride	ND	ND			1.0	0.90	ug/L			05/19/13 12:30	1
Xylenes, Total	ND	ND			2.0	0.66	ug/L			05/19/13 12:30	1

Surrogate	MB	MB	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
	ND	ND						
1,2-Dichloroethane-d4 (Surr)	ND	ND	105		66 - 137			1
Toluene-d8 (Surr)	ND	ND	102		71 - 126			1
4-Bromofluorobenzene (Surr)	ND	ND	102		73 - 120			1

Lab Sample ID: LCS 480-119471/6

Matrix: Water

Analysis Batch: 119471

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LC S	LC S	Unit	D	%Rec	Limits
		Result	Qualifier				
1,1,1-Trichloroethane	25.0	27.6		ug/L		110	73 - 126
1,1,2,2-Tetrachloroethane	25.0	24.8		ug/L		99	70 - 126
1,1,2-Trichloroethane	25.0	25.5		ug/L		102	76 - 122
1,1-Dichloroethane	25.0	24.9		ug/L		100	71 - 129
1,1-Dichloroethene	25.0	24.4		ug/L		98	58 - 121
1,2-Dichloroethane	25.0	24.8		ug/L		99	75 - 127
1,2-Dichloropropane	25.0	25.2		ug/L		101	76 - 120
2-Hexanone	125	130		ug/L		104	65 - 127
2-Butanone (MEK)	125	122		ug/L		97	57 - 140
4-Methyl-2-pentanone (MIBK)	125	128		ug/L		103	71 - 125
Acetone	125	122		ug/L		98	56 - 142
Benzene	25.0	25.7		ug/L		103	71 - 124
Bromodichloromethane	25.0	22.9		ug/L		92	80 - 122
Bromoform	25.0	22.6		ug/L		90	66 - 128
Bromomethane	25.0	22.4		ug/L		90	55 - 144

TestAmerica Buffalo

QC Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38081-1
 SDG: 480-38081

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-119471/6

Matrix: Water

Analysis Batch: 119471

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike	LCS		Unit	D	%Rec	%Rec.
	Added	Result	Qualifier				
Carbon disulfide	25.0	21.7		ug/L		87	59 - 134
Carbon tetrachloride	25.0	26.7		ug/L		107	72 - 134
Chlorobenzene	25.0	25.7		ug/L		103	72 - 120
Dibromochloromethane	25.0	22.7		ug/L		91	75 - 125
Chloroethane	25.0	24.5		ug/L		98	69 - 136
Chloroform	25.0	24.9		ug/L		100	73 - 127
Chloromethane	25.0	25.1		ug/L		100	68 - 124
cis-1,2-Dichloroethene	25.0	25.1		ug/L		100	74 - 124
cis-1,3-Dichloropropene	25.0	23.3		ug/L		93	74 - 124
Ethylbenzene	25.0	26.3		ug/L		105	77 - 123
Methylene Chloride	25.0	25.5		ug/L		102	57 - 132
Styrene	25.0	26.6		ug/L		107	70 - 130
Tetrachloroethene	25.0	25.1		ug/L		100	74 - 122
Toluene	25.0	25.9		ug/L		104	80 - 122
trans-1,2-Dichloroethene	25.0	26.7		ug/L		107	73 - 127
trans-1,3-Dichloropropene	25.0	23.5		ug/L		94	72 - 123
Trichloroethene	25.0	26.0		ug/L		104	74 - 123
Vinyl chloride	25.0	24.5		ug/L		98	65 - 133
Xylenes, Total	75.0	80.4		ug/L		107	76 - 122

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	97		66 - 137
Toluene-d8 (Surr)	100		71 - 126
4-Bromofluorobenzene (Surr)	100		73 - 120

Lab Sample ID: MB 480-119666/6

Matrix: Water

Analysis Batch: 119666

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			05/20/13 22:20	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/20/13 22:20	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/20/13 22:20	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			05/20/13 22:20	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			05/20/13 22:20	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/20/13 22:20	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/20/13 22:20	1
2-Hexanone	ND		5.0	1.2	ug/L			05/20/13 22:20	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/20/13 22:20	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/20/13 22:20	1
Acetone	ND		10	3.0	ug/L			05/20/13 22:20	1
Benzene	ND		1.0	0.41	ug/L			05/20/13 22:20	1
Bromodichloromethane	ND		1.0	0.39	ug/L			05/20/13 22:20	1
Bromoform	ND		1.0	0.26	ug/L			05/20/13 22:20	1
Bromomethane	ND		1.0	0.69	ug/L			05/20/13 22:20	1
Carbon disulfide	ND		1.0	0.19	ug/L			05/20/13 22:20	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/20/13 22:20	1
Chlorobenzene	ND		1.0	0.75	ug/L			05/20/13 22:20	1

TestAmerica Buffalo

QC Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38081-1
 SDG: 480-38081

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-119666/6

Matrix: Water

Analysis Batch: 119666

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	ND	ND									
Dibromochloromethane			ND		1.0	0.32	ug/L			05/20/13 22:20	1
Chloroethane			ND		1.0	0.32	ug/L			05/20/13 22:20	1
Chloroform			ND		1.0	0.34	ug/L			05/20/13 22:20	1
Chloromethane			ND		1.0	0.35	ug/L			05/20/13 22:20	1
cis-1,2-Dichloroethene			ND		1.0	0.81	ug/L			05/20/13 22:20	1
cis-1,3-Dichloropropene			ND		1.0	0.36	ug/L			05/20/13 22:20	1
Ethylbenzene			ND		1.0	0.74	ug/L			05/20/13 22:20	1
Methylene Chloride			ND		1.0	0.44	ug/L			05/20/13 22:20	1
Styrene			ND		1.0	0.73	ug/L			05/20/13 22:20	1
Tetrachloroethene			ND		1.0	0.36	ug/L			05/20/13 22:20	1
Toluene			ND		1.0	0.51	ug/L			05/20/13 22:20	1
trans-1,2-Dichloroethene			ND		1.0	0.90	ug/L			05/20/13 22:20	1
trans-1,3-Dichloropropene			ND		1.0	0.37	ug/L			05/20/13 22:20	1
Trichloroethene			ND		1.0	0.46	ug/L			05/20/13 22:20	1
Vinyl chloride			ND		1.0	0.90	ug/L			05/20/13 22:20	1
Xylenes, Total			ND		2.0	0.66	ug/L			05/20/13 22:20	1

Surrogate	MB	MB	%Recovery	Qualifier	Limits		Prepared	Analyzed	Dil Fac
	ND	ND							
1,2-Dichloroethane-d4 (Surr)			106		66 - 137			05/20/13 22:20	1
Toluene-d8 (Surr)			104		71 - 126			05/20/13 22:20	1
4-Bromofluorobenzene (Surr)			103		73 - 120			05/20/13 22:20	1

Lab Sample ID: LCS 480-119666/5

Matrix: Water

Analysis Batch: 119666

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike	LCs	LCS	Result	Qualifier	Unit	D	%Rec	Limits	%Rec.
		Added	Added							
1,1,1-Trichloroethane		25.0	24.5			ug/L		98	73 - 126	
1,1,2,2-Tetrachloroethane		25.0	25.7			ug/L		103	70 - 126	
1,1,2-Trichloroethane		25.0	25.7			ug/L		103	76 - 122	
1,1-Dichloroethane		25.0	26.5			ug/L		106	71 - 129	
1,1-Dichloroethene		25.0	25.5			ug/L		102	58 - 121	
1,2-Dichloroethane		25.0	24.8			ug/L		99	75 - 127	
1,2-Dichloropropane		25.0	25.5			ug/L		102	76 - 120	
2-Hexanone		125	134			ug/L		107	65 - 127	
2-Butanone (MEK)		125	124			ug/L		99	57 - 140	
4-Methyl-2-pentanone (MIBK)		125	133			ug/L		106	71 - 125	
Acetone		125	129			ug/L		103	56 - 142	
Benzene		25.0	25.8			ug/L		103	71 - 124	
Bromodichloromethane		25.0	23.2			ug/L		93	80 - 122	
Bromoform		25.0	20.6			ug/L		82	66 - 128	
Bromomethane		25.0	25.7			ug/L		103	55 - 144	
Carbon disulfide		25.0	22.1			ug/L		88	59 - 134	
Carbon tetrachloride		25.0	28.1			ug/L		112	72 - 134	
Chlorobenzene		25.0	26.8			ug/L		107	72 - 120	
Dibromochloromethane		25.0	22.8			ug/L		91	75 - 125	
Chloroethane		25.0	24.7			ug/L		99	69 - 136	
Chloroform		25.0	26.1			ug/L		104	73 - 127	

TestAmerica Buffalo

QC Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38081-1
 SDG: 480-38081

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-119666/5

Matrix: Water

Analysis Batch: 119666

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec.
	Added	Result	Qualifier				
Chloromethane	25.0	25.8		ug/L		103	68 - 124
cis-1,2-Dichloroethene	25.0	25.9		ug/L		104	74 - 124
cis-1,3-Dichloropropene	25.0	23.2		ug/L		93	74 - 124
Ethylbenzene	25.0	27.0		ug/L		108	77 - 123
Methylene Chloride	25.0	25.4		ug/L		102	57 - 132
Styrene	25.0	27.2		ug/L		109	70 - 130
Tetrachloroethene	25.0	25.9		ug/L		104	74 - 122
Toluene	25.0	26.6		ug/L		107	80 - 122
trans-1,2-Dichloroethene	25.0	27.1		ug/L		108	73 - 127
trans-1,3-Dichloropropene	25.0	23.3		ug/L		93	72 - 123
Trichloroethene	25.0	26.9		ug/L		107	74 - 123
Vinyl chloride	25.0	25.1		ug/L		100	65 - 133
Xylenes, Total	75.0	81.1		ug/L		108	76 - 122

LCS LCS

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	100		66 - 137
Toluene-d8 (Surr)	104		71 - 126
4-Bromofluorobenzene (Surr)	100		73 - 120

Lab Sample ID: LCSD 480-119666/7

Matrix: Water

Analysis Batch: 119666

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	%Rec.	RPD	RPD
	Added	Result	Qualifier						
1,1,1-Trichloroethane	25.0	24.1		ug/L		96	73 - 126	2	15
1,1,2,2-Tetrachloroethane	25.0	25.9		ug/L		104	70 - 126	1	15
1,1,2-Trichloroethane	25.0	25.3		ug/L		101	76 - 122	1	15
1,1-Dichloroethane	25.0	26.1		ug/L		104	71 - 129	2	20
1,1-Dichloroethene	25.0	24.9		ug/L		100	58 - 121	2	16
1,2-Dichloroethane	25.0	25.2		ug/L		101	75 - 127	2	20
1,2-Dichloropropane	25.0	25.6		ug/L		102	76 - 120	0	20
2-Hexanone	125	127		ug/L		102	65 - 127	5	15
2-Butanone (MEK)	125	121		ug/L		97	57 - 140	2	20
4-Methyl-2-pentanone (MIBK)	125	125		ug/L		100	71 - 125	6	35
Acetone	125	127		ug/L		101	56 - 142	2	15
Benzene	25.0	26.1		ug/L		104	71 - 124	1	13
Bromodichlormethane	25.0	22.5		ug/L		90	80 - 122	3	15
Bromoform	25.0	20.1		ug/L		80	66 - 128	3	15
Bromomethane	25.0	25.1		ug/L		101	55 - 144	2	15
Carbon disulfide	25.0	21.8		ug/L		87	59 - 134	1	15
Carbon tetrachloride	25.0	27.1		ug/L		108	72 - 134	4	15
Chlorobenzene	25.0	25.9		ug/L		103	72 - 120	3	25
Dibromochlormethane	25.0	21.6		ug/L		86	75 - 125	5	15
Chloroethane	25.0	24.7		ug/L		99	69 - 136	0	15
Chloroform	25.0	25.6		ug/L		102	73 - 127	2	20
Chloromethane	25.0	25.3		ug/L		101	68 - 124	2	15
cis-1,2-Dichloroethene	25.0	25.6		ug/L		102	74 - 124	1	15
cis-1,3-Dichloropropene	25.0	22.8		ug/L		91	74 - 124	2	15

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

QC Sample Results

Client: O'Brien & Gere Inc of North America
 Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38081-1
 SDG: 480-38081

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 480-119666/7

Matrix: Water

Analysis Batch: 119666

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	%Rec.		RPD	RPD	Limit
	Added	Result	Qualifier				Limits	RPD			
Ethylbenzene	25.0	26.2		ug/L		105	77 - 123	3		15	
Methylene Chloride	25.0	25.8		ug/L		103	57 - 132	2		15	
Styrene	25.0	26.5		ug/L		106	70 - 130	3		20	
Tetrachloroethene	25.0	25.1		ug/L		100	74 - 122	3		20	
Toluene	25.0	25.6		ug/L		102	80 - 122	4		15	
trans-1,2-Dichloroethene	25.0	27.2		ug/L		109	73 - 127	1		20	
trans-1,3-Dichloropropene	25.0	22.7		ug/L		91	72 - 123	2		15	
Trichloroethene	25.0	26.5		ug/L		106	74 - 123	1		16	
Vinyl chloride	25.0	24.5		ug/L		98	65 - 133	2		15	
Xylenes, Total	75.0	79.9		ug/L		107	76 - 122	1		16	

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	103		66 - 137
Toluene-d8 (Surr)	104		71 - 126
4-Bromofluorobenzene (Surr)	105		73 - 120

QC Association Summary

Client: O'Brien & Gere Inc of North America
 Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38081-1
 SDG: 480-38081

GC/MS VOA

Analysis Batch: 119412

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-38081-1	AF-9S 050913	Total/NA	Ground Water	8260B	1
480-38081-2	OSMW-7D 050913	Total/NA	Ground Water	8260B	2
480-38081-3	OSMW-6S 050913	Total/NA	Ground Water	8260B	3
480-38081-4	OSMW-6D 050913	Total/NA	Ground Water	8260B	4
480-38081-5	OSMW-5D 050913	Total/NA	Ground Water	8260B	5
480-38081-6	OSMW-5S 050913	Total/NA	Ground Water	8260B	6
480-38081-8	OSMW-2P 050913	Total/NA	Ground Water	8260B	7
480-38081-9	OSMW-1P 050913	Total/NA	Ground Water	8260B	8
480-38081-13	AF-5S 050913	Total/NA	Ground Water	8260B	9
480-38081-14	AF-5D 050913	Total/NA	Ground Water	8260B	10
480-38081-14 MS	AF-5D 050913	Total/NA	Ground Water	8260B	11
480-38081-14 MSD	AF-5D 050913	Total/NA	Ground Water	8260B	12
480-38081-15	ADW-5D 050913	Total/NA	Ground Water	8260B	13
480-38081-16	Trip Blank 050913	Total/NA	Water	8260B	14
LCS 480-119412/4	Lab Control Sample	Total/NA	Water	8260B	15
MB 480-119412/5	Method Blank	Total/NA	Water	8260B	16

Analysis Batch: 119471

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-38081-7	H-221 050913	Total/NA	Ground Water	8260B	1
480-38081-10	OSMW-1S 050913	Total/NA	Ground Water	8260B	2
480-38081-11	OSMW-1D 050913	Total/NA	Ground Water	8260B	3
480-38081-12	AF-5P 050913	Total/NA	Ground Water	8260B	4
LCS 480-119471/6	Lab Control Sample	Total/NA	Water	8260B	5
MB 480-119471/7	Method Blank	Total/NA	Water	8260B	6

Analysis Batch: 119666

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-38226-1	AOCPST-MW1SR051313	Total/NA	Ground Water	8260B	1
480-38226-2	Trip Blank 051313	Total/NA	Water	8260B	2
LCS 480-119666/5	Lab Control Sample	Total/NA	Water	8260B	3
LCSD 480-119666/7	Lab Control Sample Dup	Total/NA	Water	8260B	4
MB 480-119666/6	Method Blank	Total/NA	Water	8260B	5

Lab Chronicle

Client: O'Brien & Gere Inc of North America
 Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38081-1
 SDG: 480-38081

Client Sample ID: AF-9S 050913

Lab Sample ID: 480-38081-1

Date Collected: 05/09/13 08:20

Matrix: Ground Water

Date Received: 05/10/13 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	119412	05/18/13 13:34	RL	TAL BUF

Client Sample ID: OSMW-7D 050913

Lab Sample ID: 480-38081-2

Date Collected: 05/09/13 08:45

Matrix: Ground Water

Date Received: 05/10/13 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	119412	05/18/13 13:57	RL	TAL BUF

Client Sample ID: OSMW-6S 050913

Lab Sample ID: 480-38081-3

Date Collected: 05/09/13 09:15

Matrix: Ground Water

Date Received: 05/10/13 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	119412	05/18/13 14:20	RL	TAL BUF

Client Sample ID: OSMW-6D 050913

Lab Sample ID: 480-38081-4

Date Collected: 05/09/13 09:20

Matrix: Ground Water

Date Received: 05/10/13 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	119412	05/18/13 14:42	RL	TAL BUF

Client Sample ID: OSMW-5D 050913

Lab Sample ID: 480-38081-5

Date Collected: 05/09/13 10:05

Matrix: Ground Water

Date Received: 05/10/13 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		2	119412	05/18/13 15:04	RL	TAL BUF

Client Sample ID: OSMW-5S 050913

Lab Sample ID: 480-38081-6

Date Collected: 05/09/13 10:30

Matrix: Ground Water

Date Received: 05/10/13 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	119412	05/18/13 15:27	RL	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: O'Brien & Gere Inc of North America
 Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38081-1
 SDG: 480-38081

Client Sample ID: H-221 050913

Date Collected: 05/09/13 11:10
 Date Received: 05/10/13 09:15

Lab Sample ID: 480-38081-7

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	119471	05/19/13 13:49	TRF	TAL BUF

Client Sample ID: OSMW-2P 050913

Date Collected: 05/09/13 11:30
 Date Received: 05/10/13 09:15

Lab Sample ID: 480-38081-8

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	119412	05/18/13 16:13	RL	TAL BUF

Client Sample ID: OSMW-1P 050913

Date Collected: 05/09/13 11:45
 Date Received: 05/10/13 09:15

Lab Sample ID: 480-38081-9

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	119412	05/18/13 16:35	RL	TAL BUF

Client Sample ID: OSMW-1S 050913

Date Collected: 05/09/13 11:50
 Date Received: 05/10/13 09:15

Lab Sample ID: 480-38081-10

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		4	119471	05/19/13 14:12	TRF	TAL BUF

Client Sample ID: OSMW-1D 050913

Date Collected: 05/09/13 11:55
 Date Received: 05/10/13 09:15

Lab Sample ID: 480-38081-11

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	119471	05/19/13 14:34	TRF	TAL BUF

Client Sample ID: AF-5P 050913

Date Collected: 05/09/13 12:30
 Date Received: 05/10/13 09:15

Lab Sample ID: 480-38081-12

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		2	119471	05/19/13 14:57	TRF	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: O'Brien & Gere Inc of North America
 Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38081-1
 SDG: 480-38081

Client Sample ID: AF-5S 050913

Date Collected: 05/09/13 12:40
 Date Received: 05/10/13 09:15

Lab Sample ID: 480-38081-13

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	119412	05/18/13 18:07	RL	TAL BUF

Client Sample ID: AF-5D 050913

Date Collected: 05/09/13 12:45
 Date Received: 05/10/13 09:15

Lab Sample ID: 480-38081-14

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	119412	05/18/13 18:29	RL	TAL BUF

Client Sample ID: ADW-5D 050913

Date Collected: 05/09/13 12:50
 Date Received: 05/10/13 09:15

Lab Sample ID: 480-38081-15

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	119412	05/18/13 19:38	RL	TAL BUF

Client Sample ID: Trip Blank 050913

Date Collected: 05/09/13 00:00
 Date Received: 05/10/13 09:15

Lab Sample ID: 480-38081-16

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	119412	05/18/13 20:00	RL	TAL BUF

Client Sample ID: AOCPOST-MW1SR051313

Date Collected: 05/13/13 11:45
 Date Received: 05/14/13 09:00

Lab Sample ID: 480-38226-1

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	119666	05/21/13 01:22	TRF	TAL BUF

Client Sample ID: Trip Blank 051313

Date Collected: 05/13/13 00:00
 Date Received: 05/14/13 09:00

Lab Sample ID: 480-38226-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	119666	05/21/13 01:44	TRF	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

TestAmerica Buffalo

Certification Summary

Client: O'Brien & Gere Inc of North America
 Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38081-1
 SDG: 480-38081

Laboratory: TestAmerica Buffalo

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0686	07-06-13
California	NELAP	9	1169CA	09-30-13
Connecticut	State Program	1	PH-0568	09-30-14
Florida	NELAP	4	E87672	06-30-13
Georgia	State Program	4	N/A	03-31-14
Georgia	State Program	4	956	06-30-13
Georgia	State Program	4	956	03-31-14
Illinois	NELAP	5	200003	09-30-13
Iowa	State Program	7	374	03-15-15
Kansas	NELAP	7	E-10187	01-31-14
Kentucky	State Program	4	90029	12-31-13
Kentucky (UST)	State Program	4	30	04-01-14
Louisiana	NELAP	6	02031	06-30-13
Maine	State Program	1	NY00044	12-04-13
Maryland	State Program	3	294	03-31-14
Massachusetts	State Program	1	M-NY044	06-30-13
Michigan	State Program	5	9937	04-01-13 *
Minnesota	NELAP	5	036-999-337	12-31-13
New Hampshire	NELAP	1	2973	09-11-13
New Hampshire	NELAP	1	2337	11-17-13
New Jersey	NELAP	2	NY455	06-30-13
New York	NELAP	2	10026	04-01-14
North Dakota	State Program	8	R-176	03-31-14
Oklahoma	State Program	6	9421	08-31-13
Oregon	NELAP	10	NY200003	06-09-14
Pennsylvania	NELAP	3	68-00281	07-31-13
Rhode Island	State Program	1	LAO00328	12-31-13
Tennessee	State Program	4	TN02970	04-01-14
Texas	NELAP	6	T104704412-11-2	07-31-13
USDA	Federal		P330-11-00386	11-22-14
Virginia	NELAP	3	460185	09-14-13
Washington	State Program	10	C784	02-10-14
West Virginia DEP	State Program	3	252	09-30-13
Wisconsin	State Program	5	998310390	08-31-13

* Expired certification is currently pending renewal and is considered valid.

TestAmerica Buffalo

Method Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38081-1
SDG: 480-38081

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL BUF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

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Sample Summary

Client: O'Brien & Gere Inc of North America
 Project/Site: GE Semi Annual Event

TestAmerica Job ID: 480-38081-1
 SDG: 480-38081

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-38081-1	AF-9S 050913	Ground Water	05/09/13 08:20	05/10/13 09:15
480-38081-2	OSMW-7D 050913	Ground Water	05/09/13 08:45	05/10/13 09:15
480-38081-3	OSMW-6S 050913	Ground Water	05/09/13 09:15	05/10/13 09:15
480-38081-4	OSMW-6D 050913	Ground Water	05/09/13 09:20	05/10/13 09:15
480-38081-5	OSMW-5D 050913	Ground Water	05/09/13 10:05	05/10/13 09:15
480-38081-6	OSMW-5S 050913	Ground Water	05/09/13 10:30	05/10/13 09:15
480-38081-7	H-221 050913	Ground Water	05/09/13 11:10	05/10/13 09:15
480-38081-8	OSMW-2P 050913	Ground Water	05/09/13 11:30	05/10/13 09:15
480-38081-9	OSMW-1P 050913	Ground Water	05/09/13 11:45	05/10/13 09:15
480-38081-10	OSMW-1S 050913	Ground Water	05/09/13 11:50	05/10/13 09:15
480-38081-11	OSMW-1D 050913	Ground Water	05/09/13 11:55	05/10/13 09:15
480-38081-12	AF-5P 050913	Ground Water	05/09/13 12:30	05/10/13 09:15
480-38081-13	AF-5S 050913	Ground Water	05/09/13 12:40	05/10/13 09:15
480-38081-14	AF-5D 050913	Ground Water	05/09/13 12:45	05/10/13 09:15
480-38081-15	ADW-5D 050913	Ground Water	05/09/13 12:50	05/10/13 09:15
480-38081-16	Trip Blank 050913	Water	05/09/13 00:00	05/10/13 09:15
480-38226-1	AOCPST-MW1SR051313	Ground Water	05/13/13 11:45	05/14/13 09:00
480-38226-2	Trip Blank 051313	Water	05/13/13 00:00	05/14/13 09:00

Chain of Custody Record

Buffalo

TestAmerica Laboratory location:

 DW NPDES RCRA Other

Regulatory program:

Site Contact:

Lab Contact:

Telephone:

COC No:

57563

1 of 2 COCs

Client Project Manager:

John Schone

Telephone:

716-691-3660

For lab use only

Analysis Turnaround Time

(in business days)

Analyses

Walk-in client

Lab pickup

Lab sampling

Job/SDG No:

Sample Specific Notes /

Special Instructions:

Comments/Specs / Re-work

Preferred Sample Type (X/N)

UOCs (B360B)

TAT if different from below

 3 weeks 2 weeks 1 week 2 days 1 day

Method of Shipment/CARRIER:

Anthony Finch

Email:

anthony.finch@oibc.com

Project Name:

GE semi Annual Event

Project Number:

50127 243 003

Shipping/Tracking No:

PO # 11311127

Site Address:

8005 Governors Hill Dr

City/State/Zip:

Cincinnati, OH 45249

Phone:

513-697-3020

Site Contact:

Kevin Sunder

Telephone:

734-380-9685

Lab Contact:

John Schone

Telephone:

716-691-3660

COC No:

57563

1 of 2 COCs

For lab use only

Walk-in client

Lab pickup

Lab sampling

Job/SDG No:

Sample Specific Notes /

Special Instructions:

Comments/Specs / Re-work

Preferred Sample Type (X/N)

UOCs (B360B)

TAT if different from below

 3 weeks 2 weeks 1 week 2 days 1 day

Method of Shipment/CARRIER:

Anthony Finch

Email:

anthony.finch@oibc.com

Project Name:

GE semi Annual Event

Project Number:

50127 243 003

Shipping/Tracking No:

PO # 11311127

Site Address:

8005 Governors Hill Dr

City/State/Zip:

Cincinnati, OH 45249

Phone:

513-697-3020

Site Contact:

Kevin Sunder

Telephone:

734-380-9685

Lab Contact:

John Schone

Telephone:

716-691-3660

COC No:

57563

1 of 2 COCs

For lab use only

Walk-in client

Lab pickup

Lab sampling

Job/SDG No:

Sample Specific Notes /

Special Instructions:

Comments/Specs / Re-work

Preferred Sample Type (X/N)

UOCs (B360B)

TAT if different from below

 3 weeks 2 weeks 1 week 2 days 1 day

Method of Shipment/CARRIER:

Anthony Finch

Email:

anthony.finch@oibc.com

Project Name:

GE semi Annual Event

Project Number:

50127 243 003

Shipping/Tracking No:

PO # 11311127

Site Address:

8005 Governors Hill Dr

City/State/Zip:

Cincinnati, OH 45249

Phone:

513-697-3020

Site Contact:

Kevin Sunder

Telephone:

734-380-9685

Lab Contact:

John Schone

Telephone:

716-691-3660

COC No:

57563

1 of 2 COCs

For lab use only

Walk-in client

Lab pickup

Lab sampling

Job/SDG No:

Sample Specific Notes /

Special Instructions:

Comments/Specs / Re-work

Preferred Sample Type (X/N)

UOCs (B360B)

TAT if different from below

 3 weeks 2 weeks 1 week 2 days 1 day

Method of Shipment/CARRIER:

Anthony Finch

Email:

anthony.finch@oibc.com

Project Name:

GE semi Annual Event

Project Number:

50127 243 003

Shipping/Tracking No:

PO # 11311127

Site Address:

8005 Governors Hill Dr

City/State/Zip:

Cincinnati, OH 45249

Phone:

513-697-3020

Site Contact:

Kevin Sunder

Telephone:

734-380-9685

Lab Contact:

John Schone

Telephone:

716-691-3660

COC No:

57563

1 of 2 COCs

For lab use only

Walk-in client

Lab pickup

Lab sampling

Job/SDG No:

Sample Specific Notes /

Special Instructions:

Comments/Specs / Re-work

Preferred Sample Type (X/N)

UOCs (B360B)

TAT if different from below

 3 weeks 2 weeks 1 week 2 days 1 day

Method of Shipment/CARRIER:

Anthony Finch

Email:

anthony.finch@oibc.com

Project Name:

GE semi Annual Event

Project Number:

50127 243 003

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Special Instructions:

Comments/Specs / Re-work

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UOCs (B360B)

TAT if different from below

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UOCs (B360B)

TAT if different from below

 3 weeks 2 weeks 1 week 2 days 1 day

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Anthony Finch

Email:

anthony.finch@oibc.com

Project Name:

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Lab Contact:

John Schone

Telephone:

716-691-3660

COC No:

57563

1 of 2 COCs

For lab use only

Walk-in client

Chain of Custody Record

Buchan

**TestAmerica Laboratory location:
Regulatory program:**

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TAL 0018-1 (04/10)

TAL 0018-1 (04/10)

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-38081-1
SDG Number: 480-38081

Login Number: 38081

List Source: TestAmerica Buffalo

List Number: 1

Creator: Kolb, Chris M

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	False	No: IDs on containers do not match the COC. Logged in per COC.
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-38081-1
SDG Number: 480-38081

Login Number: 38226

List Number: 1

Creator: Robison, Zachary

List Source: TestAmerica Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	O'BRIEN & GERE
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

Appendix B-1
***IRM Groundwater Sampling
Program QA/QC Results and
Data Verification***

APPENDIX B-1
QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Level A data verification was independently performed by O'Brien & Gere Engineers, Inc. to assess groundwater IRM performance monitoring data quality for samples collected during the Second Quarter 2013 (April 2, 2013, and May 7, 2013). Data verification was performed in accordance with the *IRM Performance Monitoring Plan* dated December 2010. The data verification level (Level A) for the performance samples was selected based upon data use (screening and trend analysis) and the quality of the laboratory data. Data verification was utilized to confirm the quality of the laboratory (TestAmerica Buffalo, Inc. (TA Buffalo) of Amherst, New York), which has an established record of acceptable quality for target analyte data from the routine groundwater IRM performance monitoring program. The Level A data verification included review of: (1) laboratory documentation, (2) chain-of-custody (COC) documentation, (3) target analyte results, (4) laboratory data qualifiers, (5) laboratory quantitation limits and method detection limits, (6) laboratory blank analysis, and (7) quality control samples.

The results of the Level A data verification indicated the following:

- laboratory documentation was complete.
- chain-of-custody (COC) documentation was complete.
- target analyte results and data qualifiers were reported in accordance with the project requirements.
- laboratory blank analysis did not indicate evidence of artifacts from the sampling or analytical process.
- laboratory quantitation limits are within the limits listed in the QAPP, except for acetone and 2-butanone which were reported as 10 µg /l (SAP QLs are 5 µg /l). The reporting limits for acetone and 2-butanone reported by TA Buffalo were revised from 5 µg/l to 10 µg/l.
- the matrix spike / matrix spike duplicate (MS/MSD) recoveries were within control limits. The laboratory control sample recovery met acceptance criteria.
- the method blanks were within control limits and were not detected above the method detection limits.
- the laboratory control samples were within control limits.
- The continuing calibration verification (CCV) for Chloroethane associated with batch 111859 recovered above the upper control limit. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.
- seven samples were diluted to bring the target analytes into the calibration range; PMW-3D040213, AF-4P050713, PMW-3P050713, OSMW-10S050713, PMW-3D050713, TMW-1P050713, and OSMW-9S050713. Elevated reporting limits are provided.

The overall usability for the performance monitoring data is acceptable for the intended use.

Appendix B-2
First Semiannual
Groundwater Sampling
Program Data Validation
Report

FROM: Karen Storne
RE: GE Aviation, MNA Groundwater Monitoring Program
Data Validation Report
FILE: 10361/50150.003.400
DATE: July 25, 2013

cc: T. Finch
R. Boone

Data validation was performed on analytical results for samples collected during May 2013 as part of the General Electric (GE) Aviation Groundwater Monitoring program at the Evendale, Ohio facility.

Samples were analyzed by TestAmerica Buffalo of Amherst, New York (TA Buffalo) and TestAmerica Burlington of Burlington, Vermont (TA Burlington). The data packages generated by the laboratories contained summary forms for quality control analysis and supportive raw data.

The following table summarizes the analyses submitted for data validation for this sampling event.

Table 1. *Analytical Methods and References*

Parameter	Method	Reference
VOCs	USEPA Methods 5030B/8260B	1
Carbon dioxide*	RSK 175	4
Ethane, Ethene, Methane	RSK 175	4
Metals	USEPA Methods 3005A/ 6010B	1
Nitrite	USEPA Method 353.2	3
Nitrate	USEPA Method 353.2	3
Sulfide	SM20 4500-SD	2
Chloride	USEPA Method 300.0	5
Sulfate	USEPA Method 300.0	5
Alkalinity (Total, bicarbonate, carbonate, hydroxide)	SM20 2320-B	2
TOC	SM 5310-D	2
TDS	SM20 2540-C	2
Total Phosphorus	SM20 4500-PE	2
Ferrous Iron	SM20 3500 FE-D	2

Note:

1. USEPA. 2004. *Test Methods for Evaluating Solid Waste: Physical/Chemical Methods, SW-846*, 3rd Edition, Update IIIB. Washington D.C.
2. American Water Works Association (AWWA), American Public Health Association (APHA), and Water Environment Federation (WEF). 1998. *Standard Methods for the Examination of Water and Wastewater*, 20th Edition. Washington, D.C.
3. USEPA. 1983. *Methods for Chemical Analysis Of Water and Wastes*. Washington, D.C.
4. Campbell, D.H., J.T. Wilson, S.A. Vandegrift. 1991. *Dissolved Oxygen and Methane in Water by a GC Headspace Equilibration*

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- Technique*, International Journal of Environmental Analytical Chemistry, Volume 36, pp 249-257.
5. USEPA. 1993. *Methods for the Determination of Inorganic Substances in Environmental Samples*, EPA-600/R-93/100. Washington, D.C.

VOCs indicates volatile organic compounds.

TOC indicates total organic carbon.

TDS indicates total dissolved solids.

* Indicates the analysis was performed by TA Burlington; the remaining analyses were performed by TA Buffalo.

Source: O'Brien & Gere

The samples submitted for data validation are summarized in attached Table 2. Table 3 presents the specific data validation approach applied to data generated for this investigation. Table 4 presents the Laboratory QA/QC analysis definitions.

Full validation was performed on the aqueous samples collected for this investigation using the quality assurance/quality control (QA/QC) criteria established in the methods and the following Sampling and Analysis Plan (SAP) generated for this project:

- O'Brien & Gere. 2009. *Sampling and Analysis Plan (SAP)*, General Electric Company, Evendale, Ohio. Farmington Hills, Michigan.

Data affected by excursions from criteria presented in the methods and the SAP were qualified using professional judgment and guidance provided in the SAP and the following documents:

- USEPA. 2008. *USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review*, EPA-540-R-08-01. Washington D.C.
- USEPA. 2010. *USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review*, EPA-540-R-10-011. Washington D.C.

The data validation included evaluating the following parameters:

- SAP compliance
- Chain-of-custody records
- Sample shipment
- Sample collection
- Holding times and sample preservation
- Calibrations
- Blank analysis
- Matrix spike/matrix spike duplicate (MS/MSD) analysis
- Laboratory control sample (LCS) analysis
- Field duplicate analysis
- Surrogate recoveries
- Internal standards performance
- Gas chromatography/mass spectrometry (GC/MS) instrument check
- Inductively coupled plasma (ICP) interference check analysis
- ICP serial dilution analysis
- Laboratory duplicate analysis
- Target analyte quantification, identification, and quantitation limits (QLs)
- Documentation completeness

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The following sections of this memorandum present the results of the comparison of the analytical data to the QA/QC criteria specified in methods and the SAP and the qualifiers assigned to the data when the QA/QC criteria were not met. Additional observations are presented in the following sections.

SAP COMPLIANCE

The volatile organic compound (VOC) target analyte list reported by TA Buffalo was inconsistent with the SAP. The SAP included the following VOC target analytes which were not reported by the laboratory: 1,1,2-trichloro-1,2,2-trifluoroethane, 1,2,4-trichlorobenzene, 1,2-dibromo-3-chloropropane, 1,2-dibromoethane, 1,2-dichlorobenzene, 1,3-dichlorobenzene, 1,4-dichlorobenzene, 1,4-dioxane, cyclohexane, dichlorodifluoromethane, isopropylbenzene, methyl acetate, methyl tert butyl ether, methycyclohexane, trichlorofluoromethane.

For the target analytes reported by TA Buffalo, the laboratory QLs were less than or equal to the SAP QLs, with the following exceptions: the laboratory QLs for acetone and 2-butanone were reported as 10 ug/L and the SAP QLs are listed as 5 ug/L.

DOCUMENTATION COMPLETENESS

Supplemental documentation was provided by the laboratory during data validation to complete the validation process.

CHAIN-OF-CUSTODY RECORDS, SHIPMENT AND SAMPLE COLLECTION

For samples collected 5/8/13, 5/9/13, 5/13/13, 5/21/13 and 5/22/13, the Federal Express courier name and tracking numbers were not listed on the records.

For samples collected 5/8/13, the date and time that the samples were received by the laboratory were only documented on 1 of the 3 pages of the record.

For sample AF-5S-050913, an inconsistency was identified between the chain-of-custody record identification (AF-5S-050913) and the sample label identification (AFT-5S-050913). The laboratory applied the sample identification AF-5S-050913.

For sample H-222-052213, the date of the sample collection was not listed on the chain-of-custody record.

VOC, CARBON DIOXIDE, ETHANE, ETHENE AND METHANE DATA EVALUATION SUMMARY

Excursions from quality control criteria and additional observations are summarized below.

The following QA/QC parameters were found to meet method and validation criteria or did not result in additional qualification of sample results:

- Sample shipment
- Sample collection
- Holding times and sample preservation
- Blank analysis
- MS/MSD analysis
- LCS analysis
- Field duplicate analysis
- Surrogate recoveries
- Internal standards performance

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- GC/MS instrument check
- Target analyte identification

Excursions from method or validation criteria and additional observations are described below.

I. Calibrations

The result for carbon dioxide in sample H-222_052213 was qualified as approximate (J) due to a minor calibration accuracy excursion.

II. Target analyte quantitation and QLs

Sample results for VOCs and methane were reported using dilution analyses due to elevated concentrations of target analytes.

The laboratory applied the qualifier "J" when the analyte concentration was greater than the MDL but less than the QL and this qualifier has been retained during the validation process to indicate that the result is approximate.

METALS, FERROUS IRON, NITRITE, NITRATE, SULFIDE, CHLORIDE, SULFATE, ALKALINITY, TOC, TDS, AND TOTAL PHOSPHORUS DATA EVALUATION SUMMARY

The following QA/QC parameters were found to meet method and validation criteria or did not result in additional qualification of sample results (where applicable):

- Sample shipment
- Sample collection
- Sample preservation
- Calibrations
- Blank analysis
- LCS analysis
- Field duplicate analysis
- ICP interference check analysis
- Laboratory duplicate analysis

Excursions from method or validation criteria and additional observations are described below.

I. Holding times

Results in the following samples were qualified as approximate (UJ, J-) due to minor holding time representativeness excursions:

- Ferrous iron in samples AF-7S 051413, AF-7P 051413, OSMW-10P 051413, OSMW-10S 051413, OSMW-10D 051413, H-223 051413, AF-15S 051513, AF-15D 051513, PMW-3P 051513, PMW-3S 051513, OSMW-3D 051513, GM-11P 051613, GM-11S 051613, OSMW-1D 052113, OSMW-1S 052113, H-221 052213, H-222 052213, PMW-2D 052313, AF-5S 052313, OSMW-4S 052813, OSMW-5S 052913, AF-25P 052913, AF-23P 053013 and OSMW-4S 052813.

The result in the following sample was rejected due to a major holding time representativeness excursion:

- Ferrous iron in sample OSMW-8S 052113.

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II. MS/MSD analysis

Results in the following samples were qualified (J) due to minor MS/MSD accuracy excursions:

- Chloride in samples AF-7P 051413, OSMW-10P 051413 and OSMW-10S 051413.

Results in the following samples were qualified (UJ, J-) due to minor MS/MSD accuracy excursions:

- Ferrous iron in samples AF-7S 051413, AF-7P 051413, OSMW-10P 051413, OSMW-10S 051413, OSMW-10D 051413, H-223 051413, AF-15S 051513, AF-15D 051513, PMW-3P 051513, PMW-3S 051513, OSMW-3D 051513, GM-11P 051613, GM-11S 051613, OSMW-4D 051613 and ADW-100 051613[OSMW-4D 051613].

Results in the following samples were qualified (UJ, J) due to minor MS/MSD accuracy excursions:

- Total alkalinity, bicarbonate alkalinity, carbonate alkalinity and hydroxide alkalinity in samples PMW-2D 052313 and AF-5S 052313.

III. ICP serial dilution analysis

The following samples were qualified as approximate (J) due to minor serial dilution accuracy excursions:

- Potassium in samples GM-11P 051613, GM-11S 051613, OSMW-4D 051613, ADW-100 051613[OSMW-4D 051613], PMW-2D 052313, AF-5S 052313, OSMW-4S 052813, OSMW-5S 052913, AF-25P 052913, OSMW-5D 052913, AF-23P 053013, OSMW-8D 053013 and OSMW-6D 053013.

IV. Target analyte quantitation and QLs

Sample results for ferrous iron, chloride and sulfate were reported using dilution analyses due to elevated concentrations of target analytes.

The laboratory applied the qualifier "J" when the analyte concentration was greater than the MDL but less than the QL and this qualifier has been retained during the validation process to indicate that the result is approximate.

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DATA USABILITY

This section evaluates data usability for samples based on QA/QC criteria established by the methods as listed in Table 1. Major deficiencies in the data generation process resulted in results being rejected, indicating that the data is considered unusable for either quantitative or qualitative purposes. Minor deficiencies in the data generation process resulted in sample data being characterized as approximate or non-detected.

Rejected data

The following table summarizes the sample result that was rejected as a result of the data validation process that was performed on the data, based on method criteria, USEPA validation guidance and professional judgment.

Table 5 Summary of Rejected Sample Results			
Target type and analyte	Sample Identification	Qualifier	Excursion
Ferrous Iron	OSMW-8S 052113	R	Major (holding time) representativeness excursion

A discussion of the data quality with regard to the parameters evaluated follows:

Precision: Data were not rejected for precision excursions.

Sensitivity: Dilutions were performed for analysis, which resulted in elevated QLs reported for this project.

Accuracy: Data were not rejected for accuracy excursions.

Representativeness: Results were rejected for a representativeness excursion as described in Table 5.

Comparability: Standardized analytical methods, QLs, reference materials, and data deliverables were used throughout the data generation process for this project.

Completeness: Overall data usability with respect to completeness is greater than 95 percent for the organic and inorganic data. Therefore, the majority of the data were identified as usable for qualitative and quantitative purposes.

Table 2. Sample Cross Reference Table

Laboratory	Date Collected	Laboratory ID	Client ID	Matrix	Analysis Requested
TA Buffalo	5/8/2013	480-38005-1	Trip Blank 050813	Aqueous	VOCs
TA Buffalo	5/8/2013	480-38005-2	AF-7P 050813	Groundwater	VOCs
TA Buffalo	5/8/2013	480-38005-3	AF-7S 050813	Groundwater	VOCs
TA Buffalo	5/8/2013	480-38005-4	AF-7D 050813, MS/MSD	Groundwater	VOCs
TA Buffalo	5/8/2013	480-38005-5	ADW-7D 050813[AF-7D 050813]	Groundwater	VOCs
TA Buffalo	5/8/2013	480-38005-6	OSMW-3S 050813	Groundwater	VOCs
TA Buffalo	5/8/2013	480-38005-7	OSMW-3D 050813	Groundwater	VOCs
TA Buffalo	5/8/2013	480-38005-8	TMW-1S 050813	Groundwater	VOCs
TA Buffalo	5/8/2013	480-38005-9	TMW-1D 050813	Groundwater	VOCs
TA Buffalo	5/8/2013	480-38005-10	AF-25P 050813	Groundwater	VOCs
TA Buffalo	5/8/2013	480-38005-11	TMW-2S 050813	Groundwater	VOCs
TA Buffalo	5/8/2013	480-38005-12	TMW-2D 050813	Groundwater	VOCs
TA Buffalo	5/8/2013	480-38005-13	AF-2P 050813	Groundwater	VOCs
TA Buffalo	5/8/2013	480-38005-14	AF-3P 050813	Groundwater	VOCs
TA Buffalo	5/8/2013	480-38005-15	AF-24P 050813	Groundwater	VOCs
TA Buffalo	5/8/2013	480-38005-16	AF-23P 050813	Groundwater	VOCs
TA Buffalo	5/8/2013	480-38005-17	AOCLDMW-1S 050813	Groundwater	VOCs
TA Buffalo	5/8/2013	480-38005-18	AOCPTMW-2S 050813	Groundwater	VOCs
TA Buffalo	5/8/2013	480-38005-19	OSMW-4S 050813	Groundwater	VOCs
TA Buffalo	5/8/2013	480-38005-20	OSMW-4D 050813	Groundwater	VOCs
TA Buffalo	5/8/2013	480-38005-21	OSMW-8S 050813	Groundwater	VOCs
TA Buffalo	5/8/2013	480-38005-22	OSMW-8D 050813	Groundwater	VOCs
TA Buffalo	5/8/2013	480-38005-23	AF-21D 050813	Groundwater	VOCs
TA Buffalo	5/9/2013	480-38081-1	AF-9S 050913	Groundwater	VOCs
TA Buffalo	5/9/2013	480-38081-2	OSMW-7D 050913	Groundwater	VOCs
TA Buffalo	5/9/2013	480-38081-3	OSMW-6S 050913	Groundwater	VOCs
TA Buffalo	5/9/2013	480-38081-4	OSMW-6D 050913	Groundwater	VOCs
TA Buffalo	5/9/2013	480-38081-5	OSMW-5D 050913	Groundwater	VOCs
TA Buffalo	5/9/2013	480-38081-6	OSMW-5S 050913	Groundwater	VOCs
TA Buffalo	5/9/2013	480-38081-7	H-221 050913	Groundwater	VOCs
TA Buffalo	5/9/2013	480-38081-8	OSMW-2P 050913	Groundwater	VOCs
TA Buffalo	5/9/2013	480-38081-9	OSMW-1P 050913	Groundwater	VOCs
TA Buffalo	5/9/2013	480-38081-10	OSMW-1S 050913	Groundwater	VOCs
TA Buffalo	5/9/2013	480-38081-11	OSMW-1D 050913	Groundwater	VOCs
TA Buffalo	5/9/2013	480-38081-12	AF-5P 050913	Groundwater	VOCs
TA Buffalo	5/9/2013	480-38081-13	AF-5S 050913	Groundwater	VOCs
TA Buffalo	5/9/2013	480-38081-14	AF-5D 050913, MS/MSD	Groundwater	VOCs
TA Buffalo	5/9/2013	480-38081-15	ADW-5D 050913[AF-5D 050913]	Groundwater	VOCs
TA Buffalo	5/9/2013	480-38081-16	Trip Blank 050913	Aqueous	VOCs
TA Buffalo	5/13/2013	480-38226-1	AOCPT-MW1SR051313	Groundwater	VOCs
TA Buffalo	5/13/2013	480-38226-2	Trip Blank 051313	Aqueous	VOCs
TA Buffalo, TA Burlington	5/14/2013	480-38395-1	AF-7S 051413	Groundwater	Metals, Dissolved Metals, Chloride, Sulfate, Nitrate, Alkalinity, TDS, Ferrous Iron, Phosphorus, Sulfide, TOC, Dissolved Gases
TA Buffalo, TA Burlington	5/14/2013	480-38395-2	AF-7P 051413	Groundwater	Metals, Dissolved Metals, Chloride, Sulfate, Nitrate, Alkalinity, TDS, Ferrous Iron, Phosphorus, Sulfide, TOC, Dissolved Gases
TA Buffalo, TA Burlington	5/14/2013	480-38395-3	OSMW-10P 051413	Groundwater	Metals, Dissolved Metals, Chloride, Sulfate, Nitrate, Alkalinity, TDS, Ferrous Iron, Phosphorus, Sulfide, TOC, Dissolved Gases
TA Buffalo, TA Burlington	5/14/2013	480-38395-5	OSMW-10S 051413	Groundwater	Metals, Dissolved Metals, Chloride, Sulfate, Nitrate, Alkalinity, TDS, Ferrous Iron, Phosphorus, Sulfide, TOC, Dissolved Gases
TA Buffalo, TA Burlington	5/14/2013	480-38395-5	OSMW-10D 051413	Groundwater	Metals, Dissolved Metals, Chloride, Sulfate, Nitrate, Alkalinity, TDS, Ferrous Iron, Phosphorus, Sulfide, TOC, Dissolved Gases
TA Buffalo, TA Burlington	5/14/2013	480-38395-6	H-223 051413	Groundwater	Metals, Dissolved Metals, Chloride, Sulfate, Nitrate, Alkalinity, TDS, Ferrous Iron, Phosphorus, Sulfide, TOC, Dissolved Gases
TA Buffalo, TA Burlington	5/14/2013	480-38395-7	AF-15S 051513	Groundwater	Metals, Dissolved Metals, Chloride, Sulfate, Nitrate, Alkalinity, TDS, Ferrous Iron, Phosphorus, Sulfide, TOC, Dissolved Gases
TA Buffalo, TA Burlington	5/14/2013	480-38395-8	AF-15D 051513	Groundwater	Metals, Dissolved Metals, Chloride, Sulfate, Nitrate, Alkalinity, TDS, Ferrous Iron, Phosphorus, Sulfide, TOC, Dissolved Gases
TA Buffalo, TA Burlington	5/15/2013	480-38395-9	PMW-3P 051513	Groundwater	Metals, Dissolved Metals, Chloride, Sulfate, Nitrate, Alkalinity, TDS, Ferrous Iron, Phosphorus, Sulfide, TOC, Dissolved Gases
TA Buffalo, TA Burlington	5/15/2013	480-38395-10	PMW-3S 051513	Groundwater	Metals, Dissolved Metals, Chloride, Sulfate, Nitrate, Alkalinity, TDS, Ferrous Iron, Phosphorus, Sulfide, TOC, Dissolved Gases
TA Buffalo, TA Burlington	5/15/2013	480-38395-11	OSMW-3D 051513	Groundwater	Metals, Dissolved Metals, Chloride, Sulfate, Nitrate, Alkalinity, TDS, Ferrous Iron, Phosphorus, Sulfide, TOC, Dissolved Gases

Table 2. Sample Cross Reference Table

TA Buffalo, TA Burlington	5/16/2013	480-38519-1	GM-11P 051513	Groundwater	Metals, Dissolved Metals, Chloride, Sulfate, Nitrate, Alkalinity, TDS, Ferrous Iron, Phosphorus, Sulfide, TOC, Dissolved Gases
TA Buffalo, TA Burlington	5/16/2013	480-38519-2	GM-11S 051613	Groundwater	Metals, Dissolved Metals, Chloride, Sulfate, Nitrate, Alkalinity, TDS, Ferrous Iron, Phosphorus, Sulfide, TOC, Dissolved Gases
TA Buffalo, TA Burlington	5/16/2013	480-38519-3	OSMW-4D 051613	Groundwater	Metals, Dissolved Metals, Chloride, Sulfate, Nitrate, Alkalinity, TDS, Ferrous Iron, Phosphorus, Sulfide, TOC, Dissolved Gases
TA Buffalo, TA Burlington	5/16/2013	480-38519-4	ADW-100 051613[OSMW-4D 051613]	Groundwater	Metals, Dissolved Metals, Chloride, Sulfate, Nitrate, Alkalinity, TDS, Ferrous Iron, Phosphorus, Sulfide, TOC, Dissolved Gases
TA Buffalo, TA Burlington	5/21/2013	480-38837-1	OSMW-8S 052113	Groundwater	Metals, Dissolved Metals, Chloride, Sulfate, Nitrate, Alkalinity, TDS, Ferrous Iron, Phosphorus, Sulfide, TOC, Dissolved Gases
TA Buffalo, TA Burlington	5/21/2013	480-38837-2	OSMW-1D 052113	Groundwater	Metals, Dissolved Metals, Chloride, Sulfate, Nitrate, Alkalinity, TDS, Ferrous Iron, Phosphorus, Sulfide, TOC, Dissolved Gases
TA Buffalo, TA Burlington	5/21/2013	480-38837-3	OSMW-1S 052113	Groundwater	Metals, Dissolved Metals, Chloride, Sulfate, Nitrate, Alkalinity, TDS, Ferrous Iron, Phosphorus, Sulfide, TOC, Dissolved Gases
TA Buffalo, TA Burlington	5/22/2013	480-38837-4	H-221 052213	Groundwater	Metals, Dissolved Metals, Chloride, Sulfate, Nitrate, Alkalinity, TDS, Ferrous Iron, Phosphorus, Sulfide, TOC, Dissolved Gases
TA Buffalo, TA Burlington	5/22/2013	480-38837-5	H-222 052213	Groundwater	Metals, Dissolved Metals, Chloride, Sulfate, Nitrate, Alkalinity, TDS, Ferrous Iron, Phosphorus, Sulfide, TOC, Dissolved Gases
TA Buffalo, TA Burlington	5/23/2013	480-38960-1	PMW-2D 052313, MS/MSD	Groundwater	Metals, Dissolved Metals, Chloride, Sulfate, Nitrate, Alkalinity, TDS, Ferrous Iron, Phosphorus, Sulfide, TOC, Dissolved Gases
TA Buffalo, TA Burlington	5/23/2013	480-38960-2	AF-5S 052313	Groundwater	Metals, Dissolved Metals, Chloride, Sulfate, Nitrate, Alkalinity, TDS, Ferrous Iron, Phosphorus, Sulfide, TOC, Dissolved Gases
TA Buffalo, TA Burlington	5/28/2013	480-39174-1	OSMW-4S 052813	Groundwater	Metals, Dissolved Metals, Chloride, Sulfate, Nitrate, Alkalinity, TDS, Ferrous Iron, Phosphorus, Sulfide, TOC, Dissolved Gases
TA Buffalo, TA Burlington	5/29/2013	480-39174-2	OSMW-5S 052913	Groundwater	Metals, Dissolved Metals, Chloride, Sulfate, Nitrate, Alkalinity, TDS, Ferrous Iron, Phosphorus, Sulfide, TOC, Dissolved Gases
TA Buffalo, TA Burlington	5/29/2013	480-39174-3	AF-25P 052913	Groundwater	Metals, Dissolved Metals, Chloride, Sulfate, Nitrate, Alkalinity, TDS, Ferrous Iron, Phosphorus, Sulfide, TOC, Dissolved Gases
TA Buffalo, TA Burlington	5/29/2013	480-39174-4	OSMW-5D 052913	Groundwater	Metals, Dissolved Metals, Chloride, Sulfate, Nitrate, Alkalinity, TDS, Ferrous Iron, Phosphorus, Sulfide, TOC, Dissolved Gases
TA Buffalo, TA Burlington	5/30/2013	480-39263-1	AF-23P 053013	Groundwater	Metals, Dissolved Metals, Chloride, Sulfate, Nitrate, Alkalinity, TDS, Ferrous Iron, Phosphorus, Sulfide, TOC, Dissolved Gases
TA Buffalo, TA Burlington	5/30/2013	480-39263-2	EB-1 053013	Aqueous	Metals, Dissolved Metals, Chloride, Sulfate, Nitrate, Alkalinity, TDS, Ferrous Iron, Phosphorus, Sulfide, TOC, Dissolved Gases
TA Buffalo, TA Burlington	5/30/2013	480-39263-3	OSMW-8D 053013	Groundwater	Metals, Dissolved Metals, Chloride, Sulfate, Nitrate, Alkalinity, TDS, Ferrous Iron, Phosphorus, Sulfide, TOC, Dissolved Gases
TA Buffalo, TA Burlington	5/30/2013	480-39263-4	OSMW-6D 053013	Groundwater	Metals, Dissolved Metals, Chloride, Sulfate, Nitrate, Alkalinity, TDS, Ferrous Iron, Phosphorus, Sulfide, TOC, Dissolved Gases

Note:

TA Buffalo indicates TestAmerica of Amherst, New York

TA Burlington indicates TestAmerica of Burlington, Vermont.

VOCs indicates volatile organic compounds.

Alkalinity includes total, bicarbonate, carbonate, and hydroxide forms.

TDS indicates total dissolved solids.

TOC indicates total organic carbon.

EB indicates equipment blank.

MS/MSD indicates matrix spike/matrix spike duplicate.

The location in brackets indicates the field duplicate sampling location.

TABLE 3

<i>O'Brien & Gere Data validation approach using USEPA National Functional Guidelines for Non-CLP Methods</i>	
Laboratory Methods and Data Validation Approach	The O'Brien & Gere data validation approach utilizes the <u>methods</u> applied by the laboratory to evaluate data. USEPA National Functional Guidelines address data validation of Contract Laboratory Program (CLP) methods. If excursions from the <u>method</u> quality control requirements are identified, O'Brien & Gere applies a similar approach as used in the USEPA National Functional Guidelines (1999) to apply validation qualifiers to the data associated with the excursions.
General Validation Approach	<p>The validation approach taken by O'Brien & Gere is a conservative one; qualifiers are applied to sample data to indicate both major and minor excursions so that data associated with any type of excursion are identified to the data user. Major excursions result in data being rejected (R), indicating that the data are considered unusable for either quantitative or qualitative purposes. Minor excursions result in sample data being qualified as approximate (J, UJ, JN) or non-detected (U) that is otherwise usable for quantitative or qualitative purposes.</p> <p>Excursions are subdivided into excursions that are within the laboratory's control and those that are a result of site conditions. Excursions involving laboratory control sample recovery, calibration response, method blank excursions, low or high spike recovery due to inaccurate spiking solutions or poor instrument response, holding times, interpretation errors, and quantitation errors are within the control of the laboratory. Excursions resulting from matrix spike recovery, serial dilution recovery, surrogate, and internal standard performance due to interference from the matrix of the samples are examples of those excursions that are due to site conditions and are not within the laboratory's control if the laboratory has followed proper method procedures, including performing appropriate cleanup techniques.</p>
Applying professional judgment	USEPA National Functional Guidelines allow professional judgment to be used when applying qualifiers in some cases. When utilizing professional judgment, justification for actions taken will either be provided in the associated report or will be available upon request.
Validation Parameter	<p>O'Brien & Gere Data Validation Approach based on:</p> <ul style="list-style-type: none"> • USEPA. 2008. <i>USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review</i>, EPA-540-R-08-01. Washington D.C. • USEPA. 2010. <i>USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review</i>, EPA-540-R-10-011. Washington D.C.
Validation Qualifiers - Organics	<p>U - The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the quantitation limit (QL).</p> <p>J - The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample (due either to the quality of the data generated because certain quality control criteria were not met, or the concentration of the analyte was below the QL).</p> <p>NJ - The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.</p> <p>UJ - The analyte was not detected at a level greater than or equal to the QL. However, the QL is approximate and may be inaccurate or imprecise.</p> <p>R - The sample results are unusable due to the quality of the data generated because certain criteria were not met. The analyte may or may not be present in the sample.</p> <p>C - This qualifier applies to pesticide and Aroclor results when the identification has been confirmed by Gas Chromatograph/Mass Spectrometer (GC/MS).</p> <p>X - This qualifier applies to pesticide and Aroclor results when GC/MS analysis was attempted but was unsuccessful.</p>
Cooler Temperature	<p>Results for samples submitted for organic analyses that are impacted by coolers that did not contain ice, or if the ice melted upon receipt and the cooler temperatures are greater than 10°C, are qualified as approximate (UJ, J).</p> <p>If samples are delivered to the laboratory the same day as sample collection and samples did not have sufficient time to reach 10°C, samples are not qualified, unless proper preservation was not provided for samples between sample collection and sample receipt at the laboratory.</p> <p>Results for samples received at ambient temperature involved in extended shipment-day issues may be rejected, applying professional judgment.</p>
Holding Time for Organics	<p>Results for samples properly preserved and analyzed outside of but less than two times the holding time window established in the method or the QAPP for preparation and/or analysis are qualified as approximate (UJ, J).</p> <p>Non-detected results for samples properly preserved and analyzed greater than two times the holding time window for preparation and/or analysis are <u>rejected</u> (R).</p> <p>Detected results for samples properly preserved and analyzed greater than two times the holding time</p>

TABLE 3

<i>O'Brien & Gere Data validation approach using USEPA National Functional Guidelines for Non-CLP Methods</i>	
	window for preparation and/or analysis are qualified as approximate (J). The entire sample target list for a VOC sample impacted by a holding time excursion is qualified.
Calibration Actions for VOCs	<p>Due to relative standard deviation (RSD) calibration excursions, detected results for analytes in samples associated with the calibration are qualified as approximate (J). Non-detected results associated with RSD excursions may be qualified as approximate (UJ) based on professional judgment.</p> <p>If the RSD calibration excursion is greater than 90 for VOC, detected results for analytes in samples associated with the calibration are qualified as approximate (J) and non-detected results may be <u>rejected</u> (R), applying professional judgment.</p> <p>Due to %D calibration verification excursions, detected and non-detected results for analytes in samples associated with the calibration are qualified as approximate (J, UJ). The response direction and detection of target analytes in associated sample may be considered in applying qualifiers.</p> <p>For response factor excursions, detected results are qualified as approximate (J) and non-detected results are <u>rejected</u> (R).</p> <p>For initial calibration verifications (ICV) excursions, detected and non-detected results for analytes in samples associated with the calibration are qualified as approximate (J, UJ). The response direction and detection of target analytes in associated sample may be considered in applying qualifiers.</p>
VOCS Instrument Performance Evaluation	IP requirements may not apply when Selected Ion Monitoring (SIM) is used for analysis. Refer to the laboratory SOP. If IP fails 12 hour clock time frequency or ion abundance criteria, associated sample result are <u>rejected</u> (R).
VOCs Calibration Evaluation	VOC target analytes are evaluated using the criteria of 15 percent relative standard deviation (%RSD) or correlation coefficient of 0.990 for initial calibration curves. Calibration verifications are evaluated using a criterion of 20 percent difference (%D) for CCCs and 50%D for the remaining target analytes. Initial calibrations and calibration verifications are also evaluated using the response factor (RF) criteria described in the method for system performance check compounds, a criterion of greater than or equal to 0.010 for ketones and alcohols, and a criterion of 0.05 for the remaining target analytes. ICV recoveries are evaluated using laboratory control limits if available or 70 to 130%.
Associating samples with Field and Laboratory QC Samples	Trip blanks are associated with samples in the same sample cooler.
	Equipment blanks (Rinsate blanks) are associated with samples collected in the same day (or sampling event) using the same sample collection equipment and decontamination solutions. When sampling equipment or decontamination solutions are changed, a new equipment blank should be collected. Each sample should be associated with one equipment blank, which is collected as close to the sample collection date/time as possible. Use professional judgment.
	Field blanks are associated with the sample containers used to collect samples. When sampling container lots are changed, a new field blank should be collected.
	Method blanks are associated with samples prepared at the same time (if preparation is required) or analyzed in the same analytical batch as the samples. Method blanks should reflect the sample matrix type (aqueous, low level solid, medium level solid).
	LCSs are associated with samples prepared at the same time (if preparation is required) or analyzed in the same analytical batch as the samples.
	MS/MSD and laboratory duplicate samples are collected in the field. The laboratory must prepare using project samples. MS/MSDs and laboratory duplicates are associated with samples prepared at the same time or close to the same time (if preparation is required) with the same matrix type.
	Field duplicates are collected in the field and are associated with samples of the same matrix type.
Evaluation and Action for MS/MSD, LCS, Surrogate and Laboratory Duplicate Data for VOCs	In the case that insufficient QC samples are provided due to field or laboratory problems, use professional judgment to associate each sample with a QC sample that reflects the sample matrix and analysis conditions. If insufficient QC samples are available to properly associate samples, record the impact in the DV notes.
	The laboratory control limit (CL) is used to assess MS/MSD, LCS, surrogate and laboratory duplicate data. Refer to Region II guidelines if laboratory control limits are not available.
	In the case that excursions are identified in more than one quality control sample of the same matrix within one sample delivery group, samples are batched according to sample preparation or analysis date and qualified accordingly (see batching description above).

TABLE 3

<i>O'Brien & Gere Data validation approach using USEPA National Functional Guidelines for Non-CLP Methods</i>	
Evaluation and Actions for Blank Results (Method, Field, Equipment, Instrument, Storage) for VOC Data	If percent recoveries are less than laboratory CLs but greater than 10%, non-detected and detected results are qualified as approximate (UJ, J).
	If percent recoveries are greater than laboratory CLs, detected results are qualified as approximate (J).
	If percent recoveries are less than 10%, detected results are qualified as approximate (J) and non-detected results are qualified as <u>rejected</u> (R).
	If RPDs for MSDs or laboratory duplicates are outside of laboratory CLs, detected results are qualified as approximate (J). Non-detected results may not be qualified, applying professional judgment.
Evaluation of MS/MSD, Surrogate, and Field Duplicate Data for VOCs	Blanks are not qualified due to contamination of another blank. Sample results qualified as non-detected (U) are treated as hits when qualifying for surrogate or calibration excursions. The following approach is utilized for applying qualifiers, using twice the quantitation limit (QL) for methylene chloride, 2-butanone, acetone: 1. For blank results less than the QL, samples with concentrations less than the QL are reported at the QL and qualified as non-detected (U). Samples with concentrations greater than or equal to the QL are not qualified or may apply the Blank Rule Option. 2. For blank results greater than the QL, samples with concentrations less than the QL are reported at the QL and qualified as non-detected (U). Samples with concentrations greater than or equal to the QL and less than the blank contamination level are reported and qualified as non-detected (U). Samples with concentrations greater than or equal to the QL and greater than or equal to the blank contamination level are not qualified or may apply the Blank Rule Option. 3. For blank results equal to the QL, sample concentrations less than the QL are reported at the QL value and qualified as non-detected (U). Samples greater than or equal to the QL are not qualified or may apply the Blank Rule Option. 4. For gross contamination in blanks (saturated peaks, interference peaks, poor baselines), all associated sample detected results are <u>rejected</u> (R) or qualified as non-detected (U) using professional judgment. Blank Rule Option: If methylene chloride, acetone or 2-butanone is detected in the sample at a concentration that is less than ten times the concentration in the associated blank, the sample result is qualified as "U". If other target analytes are detected in the sample at a concentration that is less than five times the concentration detected in the associated blank, the sample result is qualified as "U".
	Qualification is performed only when both MS and MSD recoveries are outside of laboratory CLs.
	Organic data are <u>rejected</u> (R) in the case that both MS/MSD recoveries are less than 10%.
	Qualification is not performed if MS/MSD or surrogate recoveries are outside of laboratory CLs with an analysis that applied a dilution factor of 10 times or more.
	Qualification of data associated with MS/MSD or field duplicate excursions is limited to the un-spiked sample or the field duplicate pair, respectively.
Evaluation of Internal Standards for VOCs	Internal standard recoveries are evaluated using control limits of from 50% of the lower standard area to 100% of the upper standard area of the associated calibration verification standard. The results associated with internal standard area recoveries 25% or greater but less than 50% are qualified as approximate (J, UJ). Non-detected results associated with internal standard area recoveries less than 25% are <u>rejected</u> (R), using professional judgment.
General Inorganic MS/MSD, LCS, Duplicate Data	Laboratory established control limits are used to assess duplicate, MS/MSD, and LCS data.
	In the case that excursions are identified in more than one quality control sample of the same matrix within one sample delivery group, samples are batched according to sample preparation or analysis date and qualified accordingly.
	Qualification of inorganic data for MS/MSD analyses is performed when either MS or MSD percent recoveries are

TABLE 3

<i>O'Brien & Gere Data validation approach using USEPA National Functional Guidelines for Non-CLP Methods</i>	
	outside of laboratory control limits.
	For inorganic analyses, if RPDs for MS/MSDs, laboratory duplicates, or field duplicates are outside of laboratory control limits, associated detected and non-detected results are qualified as approximate (UJ, J).
	Detected sample results associated with recoveries that are greater than the laboratory control limits are qualified as approximate biased high ($J^{(+)}$).
	Detected sample results associated with recoveries that both are greater than the laboratory control limits and less than the laboratory control limits or with one recovery outside of laboratory control limits, are qualified as approximate (J).
	Detected sample results associated with recoveries that are less than the laboratory control limits are qualified as approximate biased low ($J^{(-)}$).
	Non-detected sample results associated with recoveries that are less than the laboratory control limits but greater than or equal to 30 percent are qualified as approximate (UJ).
	Non-detected sample results associated with recoveries that are less than 30 percent are qualified as rejected (R).
Serial Dilution Data	Serial dilution results are evaluated by the laboratory for data with initial sample concentrations that are greater than 50 times the instrument detection limit (IDL), in accordance with the validation guidelines. Qualifiers are applied to data that exceeded the ten percent difference based on the laboratory evaluation summary form provided.
Total and Dissolved Concentration Comparisons	Total and dissolved metal concentrations are compared to a criterion of less than or equal to 10% using the equation dissolved –total/dissolved times 100. Sample results outside of the criterion are qualified as approximate (J).
Inorganic Blank Data	Concentrations in the associated samples greater than the QL but less than five times the associated blank concentration are qualified as undetected (U) when blank concentrations are less than the QL. For concentrations in the samples below the QL, the concentration is replaced with the QL and qualified as undetected (U).
	Non-detected concentrations in the associated samples associated with a negative blank concentration are qualified as approximate (UJ).
	Concentrations in the associated samples of greater than the QL but less than ten times the method or calibration blank concentration, when the calibration or method blank concentration is greater than the QL, are rejected (R).
	If analytes are detected in equipment blanks, sample concentrations less than the QL are replaced with the QL and qualified as undetected (U). Sample concentrations greater than the QL and less than five times the equipment blank concentration are qualified as undetected (U).
Source O'Brien & Gere	

Table 4. Laboratory QA/QC analyses definitions.

QA/QC Term	Definition
Quantitation limit	The level above which numerical results may be obtained with a specified degree of confidence; the minimum concentration of an analyte in a specific matrix that can be identified and quantified above the method detection limit and within specified limits of precision and bias during routine analytical operating conditions.
Method detection limit	The minimum concentration of an analyte that undergoes preparation similar to the environmental samples and can be reported with a stated level of confidence that the analyte concentration is greater than zero.
Instrument detection limit	The lowest concentration of a metal target analyte that, when directly inputted and processed on a specific analytical instrument, produces a signal/response that is statistically distinct from the signal/response arising from equipment "noise" alone.
Gas chromatography/mass spectrometry (GC/MS) instrument performance check	Performed to verify mass resolution, identification, and to some degree, instrument sensitivity. These criteria are not sample specific; conformance is determined using standard materials.
Calibration	Compliance requirements for satisfactory instrument calibration are established to verify that the instrument is capable of producing acceptable quantitative data. Initial calibration demonstrates that the instrument is capable of acceptable performance at the beginning of analysis and calibration verifications document satisfactory maintenance and adjustment of the instrument on a day-to-day basis.
Relative Response Factor	A measure of the relative mass spectral response of an analyte compared to its internal standard. Relative Response Factors are determined by analysis of standards and are used in the calculation of concentrations of analytes in samples.
Relative standard deviation	The standard deviation divided by the mean; a unit-free measure of variability.
Correlation coefficient	A measure of the strength of the relationship between two variables.
Relative Percent Difference	Used to compare two values; the relative percent difference is based on the mean of the two values, and is reported as an absolute value, i.e., always expressed as a positive number or zero.
Percent Difference	Used to compare two values; the percent difference indicates both the direction and the magnitude of the comparison, i.e., the percent difference may be either negative, positive, or zero.
Percent Recovery	The act of determining whether or not the methodology measures all of the target analytes contained in a sample.
Calibration blank	Consists of acids and reagent water used to prepare metal samples for analysis. This type of blank is analyzed to evaluate whether contamination is occurring during the preparation and analysis of the sample.
Method blank	A water or soil blank that undergoes the preparation procedures applied to a sample (i.e., extraction, digestion, clean-up). These samples are analyzed to examine whether sample preparation, clean-up, and analysis techniques result in sample contamination.
Field/equipment	Collected and submitted for laboratory analysis, where appropriate. Field/equipment blanks are handled in the same manner as environmental samples. Equipment/field blanks are analyzed to assess contamination introduced during field sampling procedures.
Trip blank	Consist of samples of analyte-free water that have undergone shipment from the sampling site to the laboratory in coolers with the environmental samples submitted for volatile organic compound (VOC) analysis. Trip blanks will be analyzed for VOCs to determine if contamination has taken place during sample handling and/or shipment. Trip blanks will be utilized at a frequency of one each per cooler sent to the laboratory for VOC analysis.
Internal standards performance	Compounds not found in environmental samples which are spiked into samples and quality control samples at the time of sample preparation for organic analyses. Internal standards must meet retention time and recovery criteria specified in the analytical method. Internal standards are used as the basis for quantitation of the target analytes.
Surrogate recovery	Compounds similar in nature to the target analytes but not expected to be detected in the environmental media which are spiked into environmental samples, blanks, and quality control samples prior to sample preparation for organic analyses. Surrogates are used to evaluate analytical efficiency by measuring recovery.
Laboratory control sample Matrix spike blank analyses	Standard solutions that consist of known concentrations of the target analytes spiked into laboratory analyte-free water or sand. They are prepared or purchased from a certified manufacturer from a source independent from the calibration standards to provide an independent verification of the calibration procedure. They are prepared and analyzed following the same procedures employed for environmental sample analysis to assess method accuracy independently of sample matrix effects.
Laboratory duplicate	Two or more representative portions taken from one homogeneous sample by the analyst and analyzed in the same laboratory.
Matrix	The material of which the sample is composed or the substrate containing the analyte of interest, such as drinking water, waste water, air, soil/sediment, biological material.
Matrix Spike (MS)	An aliquot of a matrix (water or soil) fortified (spiked) with known quantities of specific target analytes and subjected to the entire analytical procedure in order to indicate the appropriateness of the method for the matrix by measuring recovery.
Matrix spike duplicate (MSD)	A second aliquot of the same matrix as the matrix spike that is spiked in order to determine the precision of the method.
Retention time	The time a target analyte is retained on a GC column before elution. The identification of a target analyte is dependent on a target compound's retention time falling within the specified retention time window established for that compound.
Relative retention time	The ratio of the retention time of a compound to that of a standard.

Source O'Brien & Gere

Appendix C
***Hydrographs for Selected
Perched Zone, USG and LSG
Monitoring Wells***

Figure C-1. Groundwater Elevations - Perched

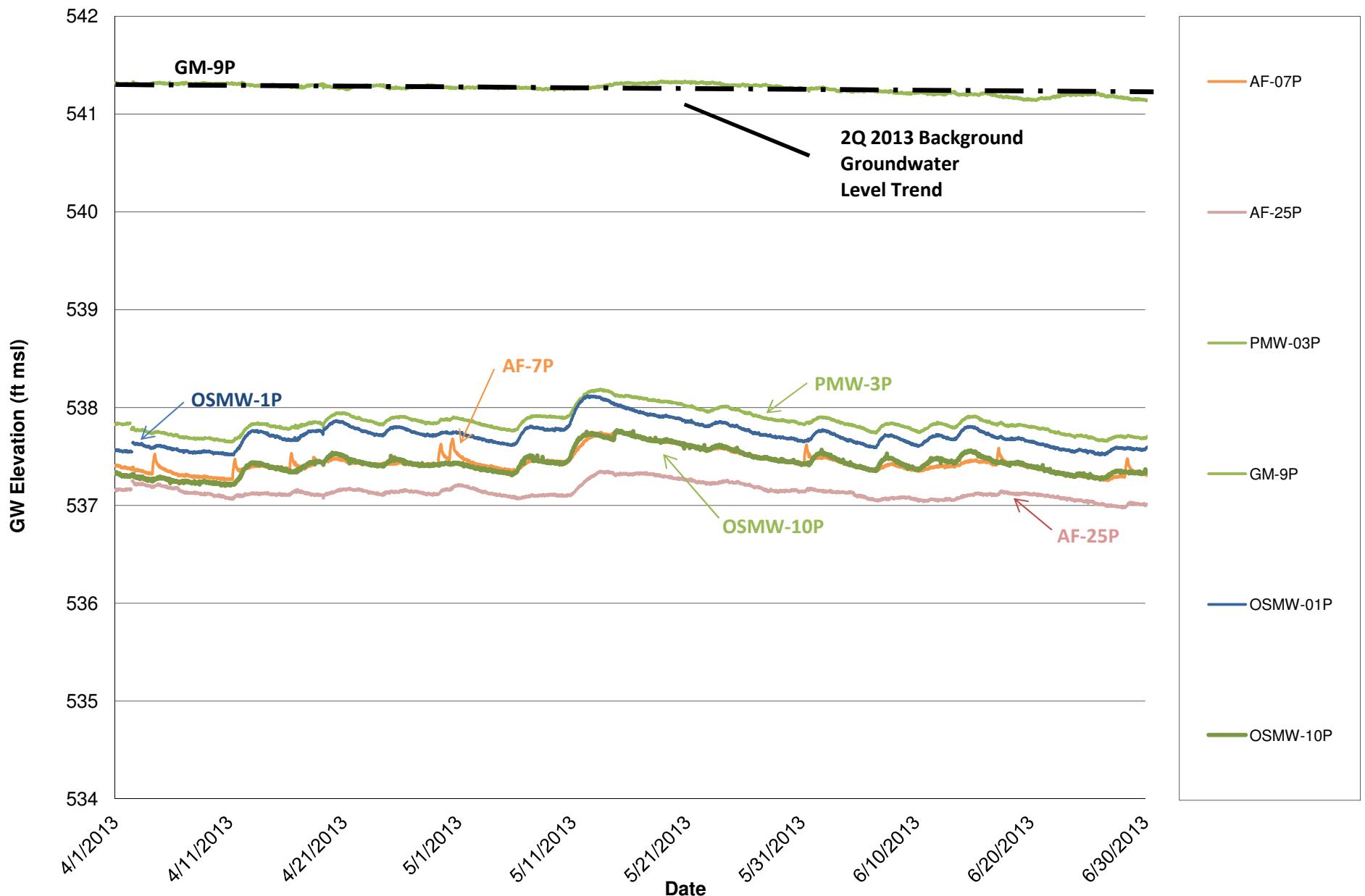


Figure C-2. Groundwater Elevations - USG - Perched Pumping Area

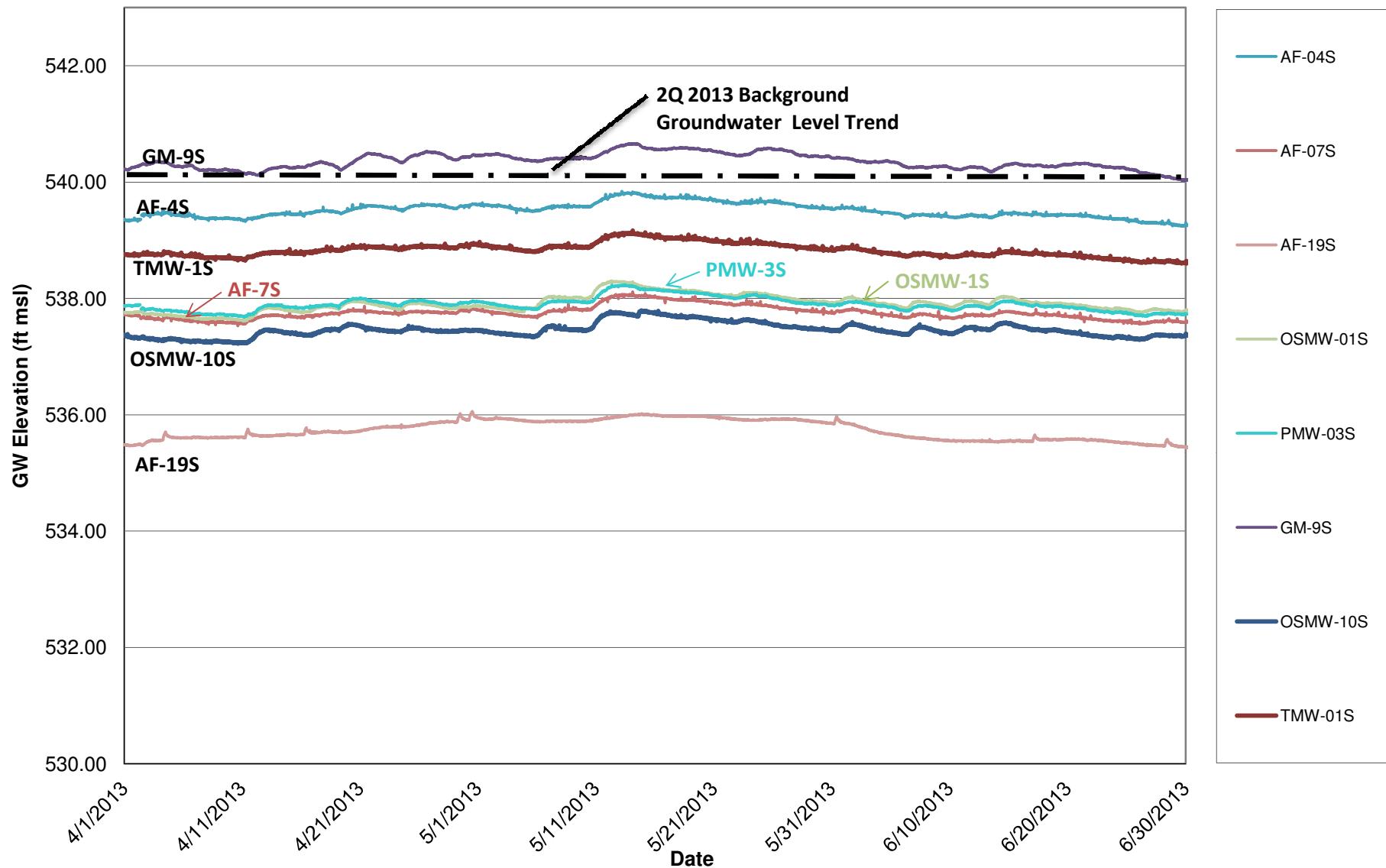


Figure C-3. Groundwater Elevations - USG - EW-7S Area

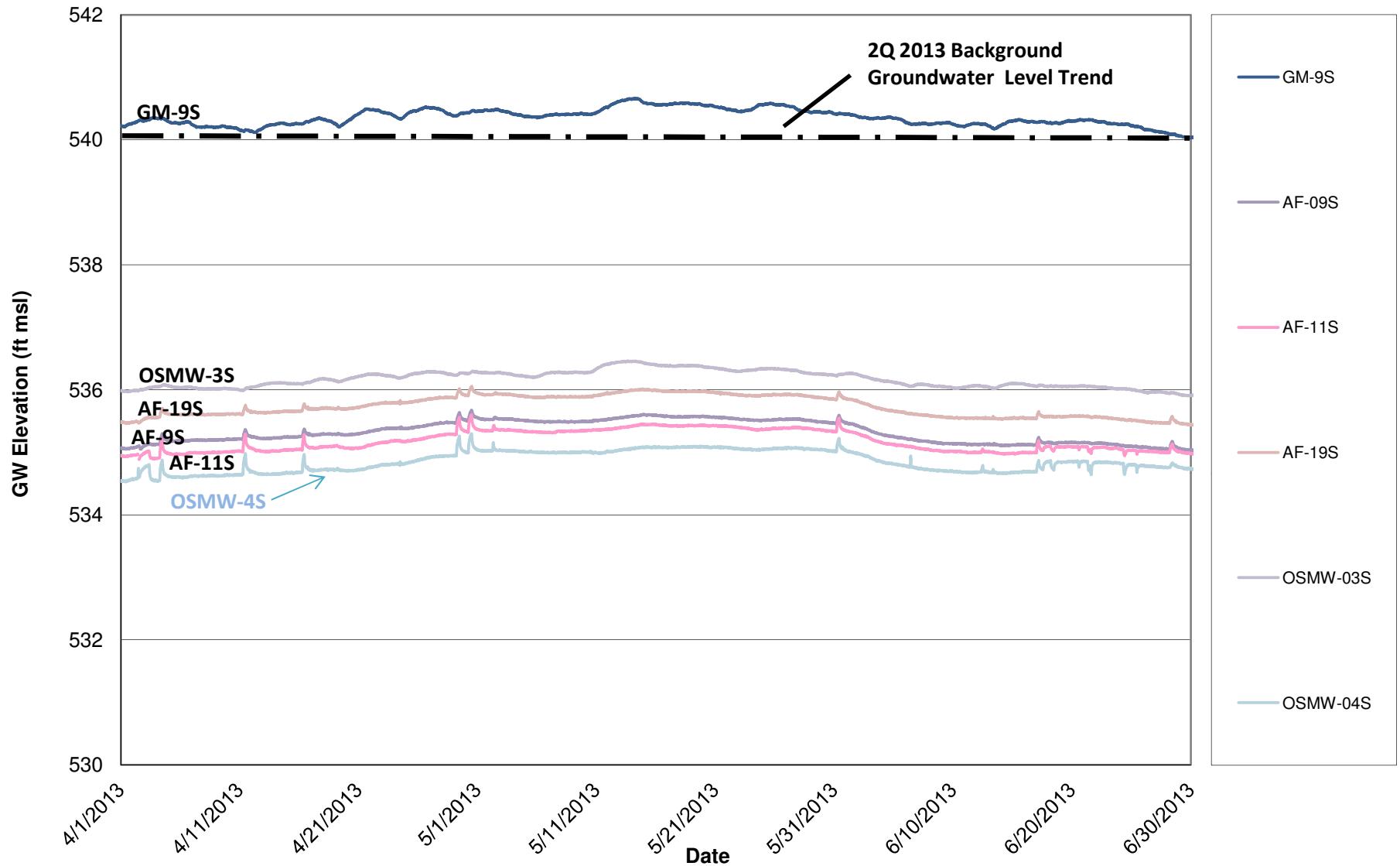


Figure C-4. Groundwater Elevations - LSG EW-3D Area

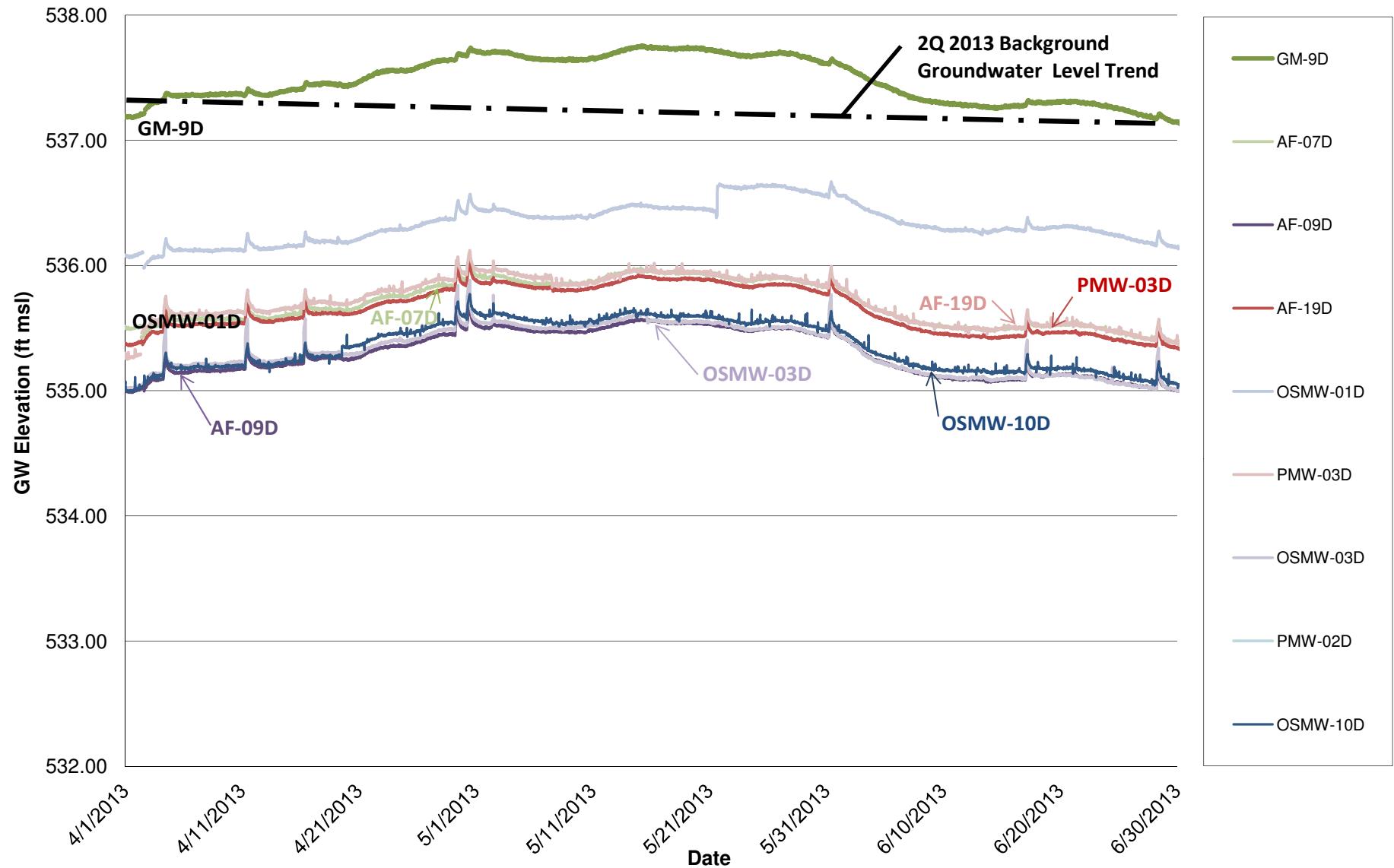
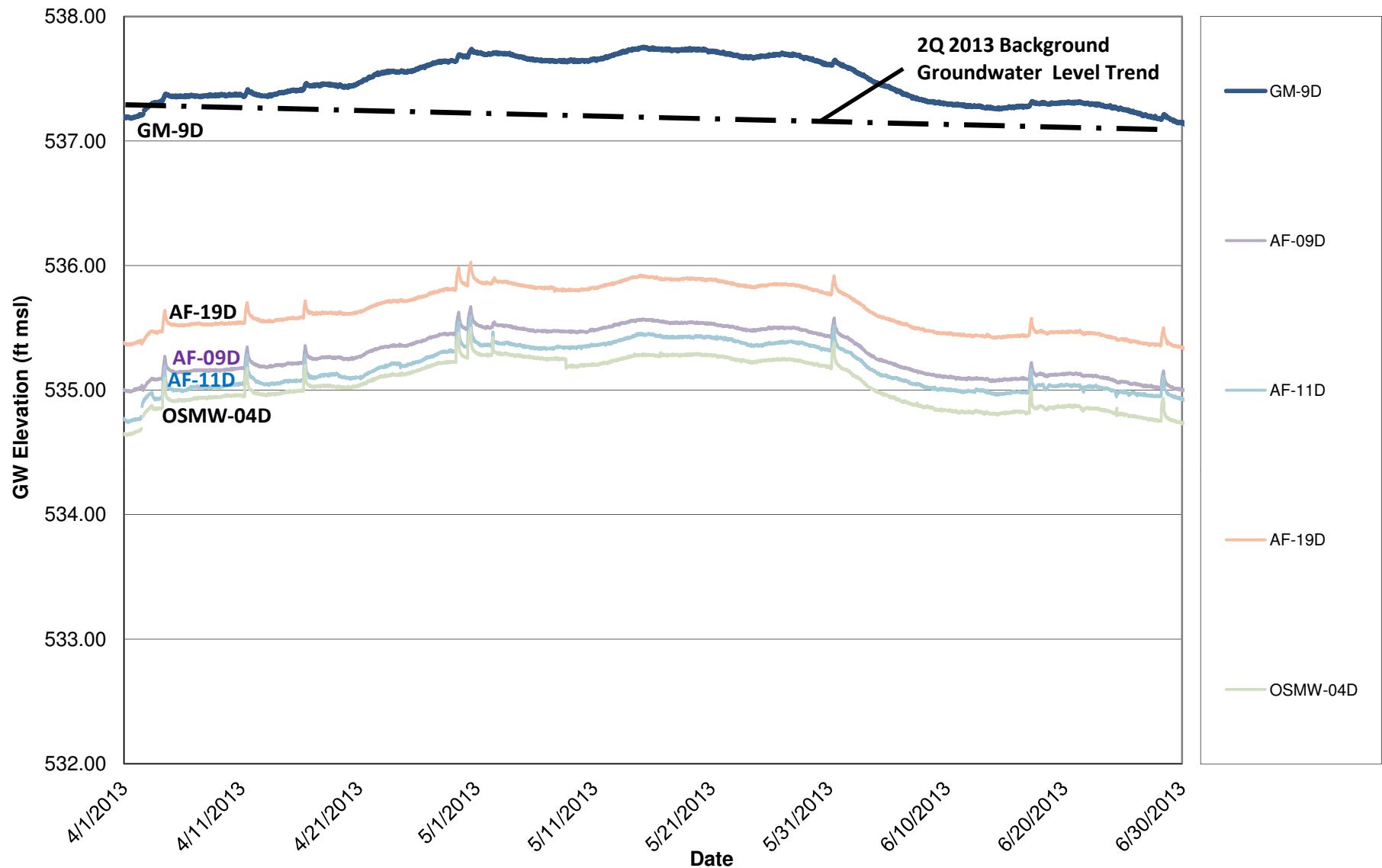


Figure C-5. Groundwater Elevations - LSG EW-8D Area



Appendix D
*Hydrographs for Selected
Nested Well Series*

Figure D-1. Group B Corrected Graph - GM-9 Series Wells

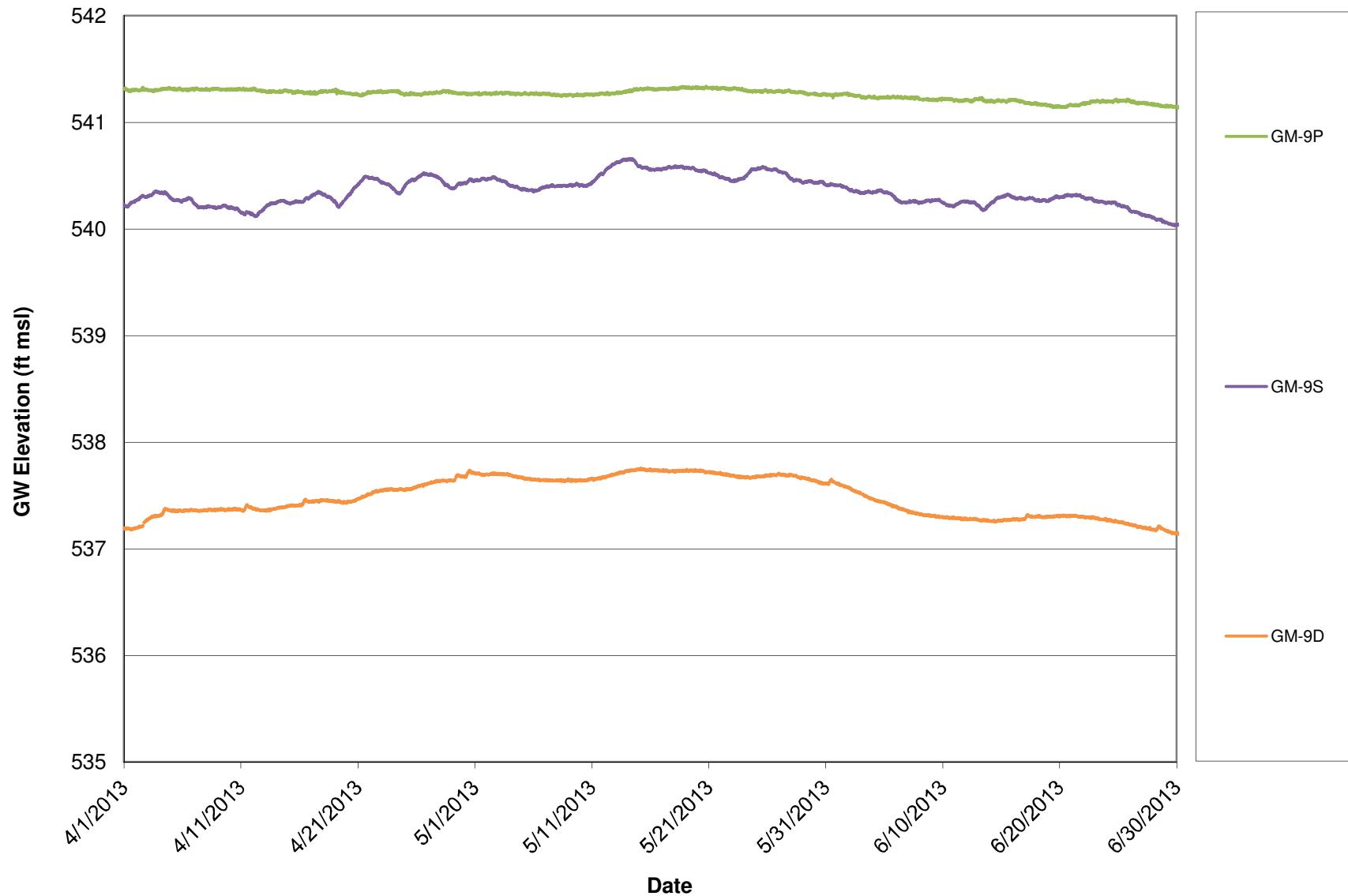


Figure D-2. Group A Corrected Graph - AF-4 Series Wells

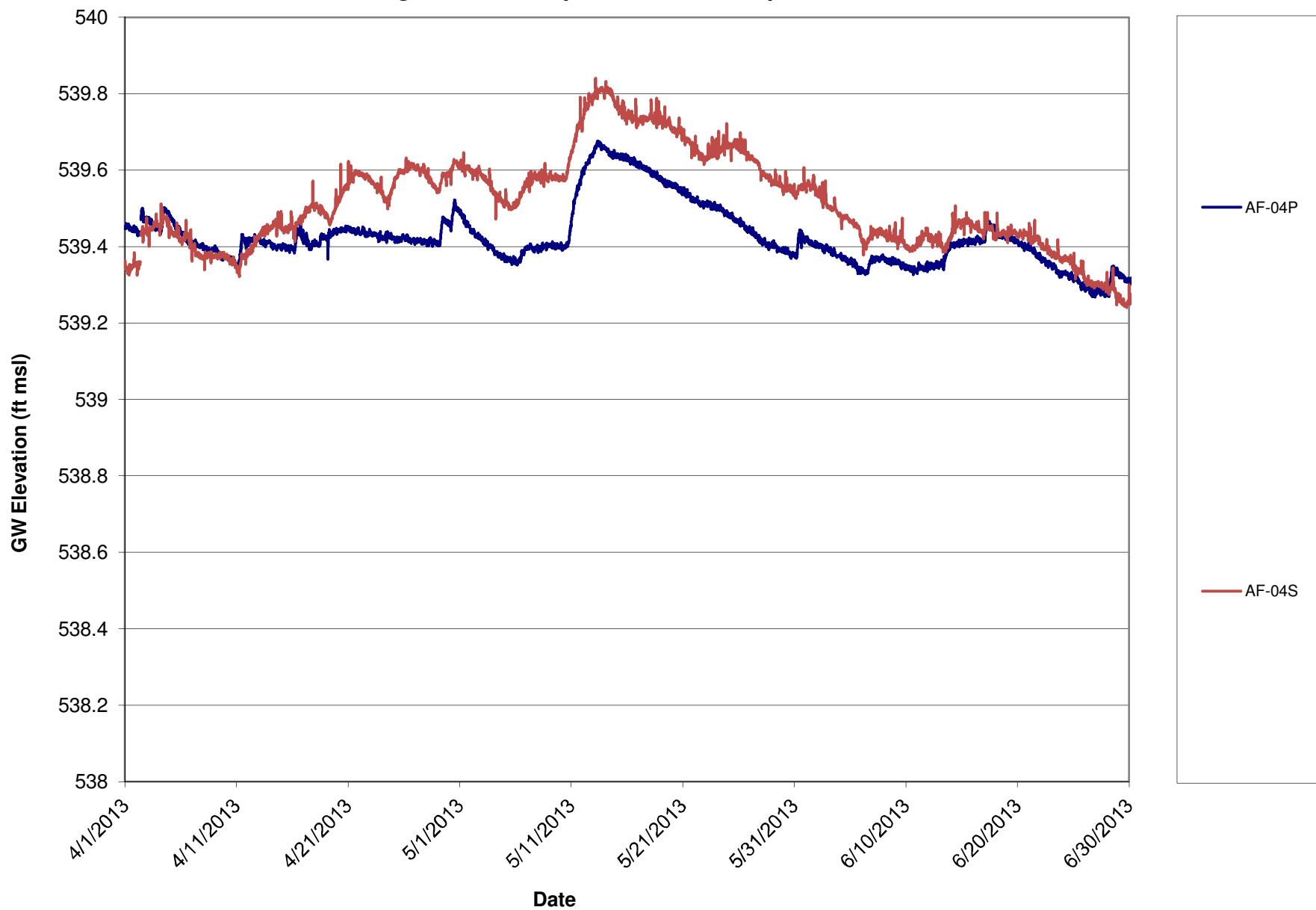


Figure D-3. Group A Corrected Graph - AF-7 Series Wells

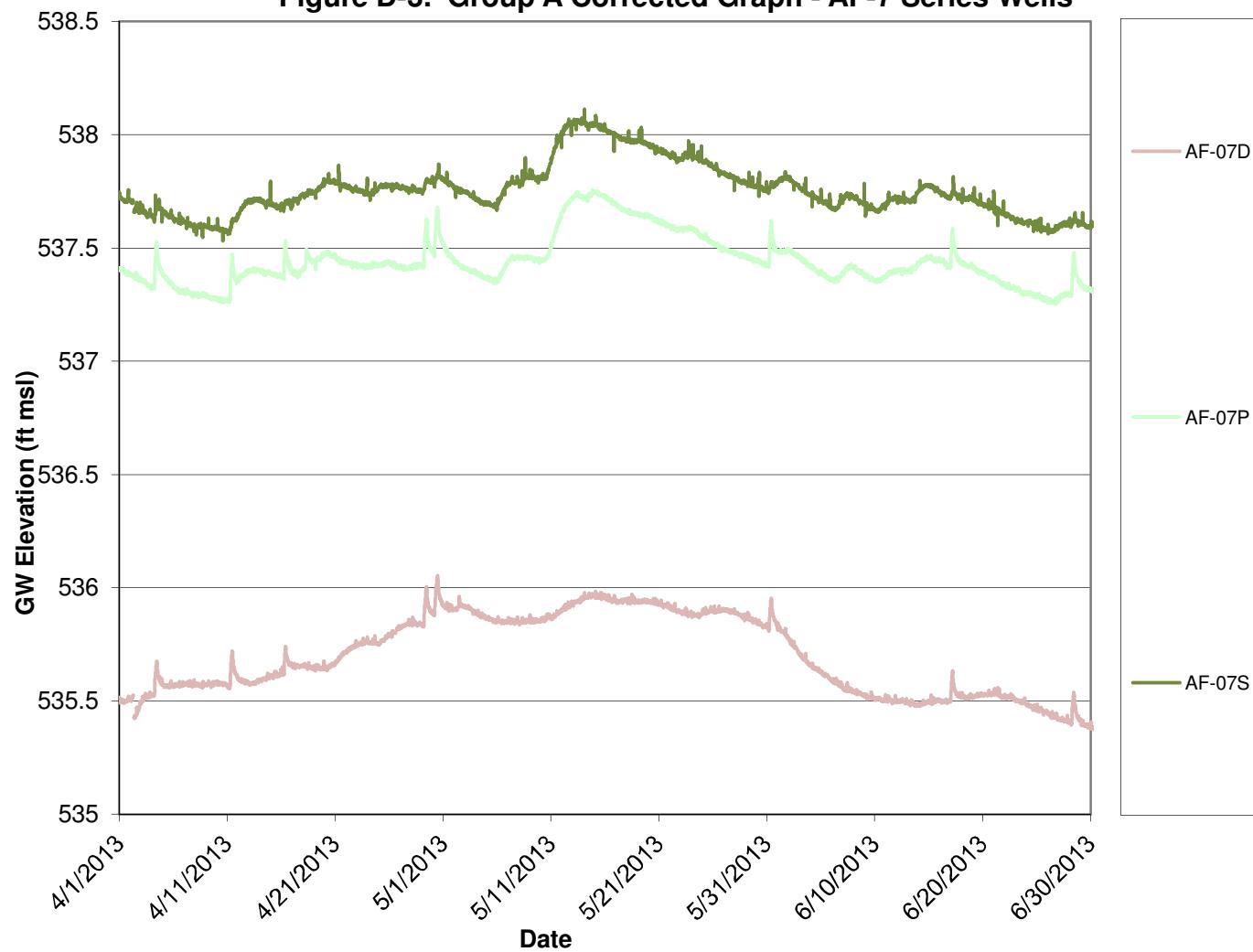


Figure D-4. Group A Corrected Graph - AF-11 Series Wells

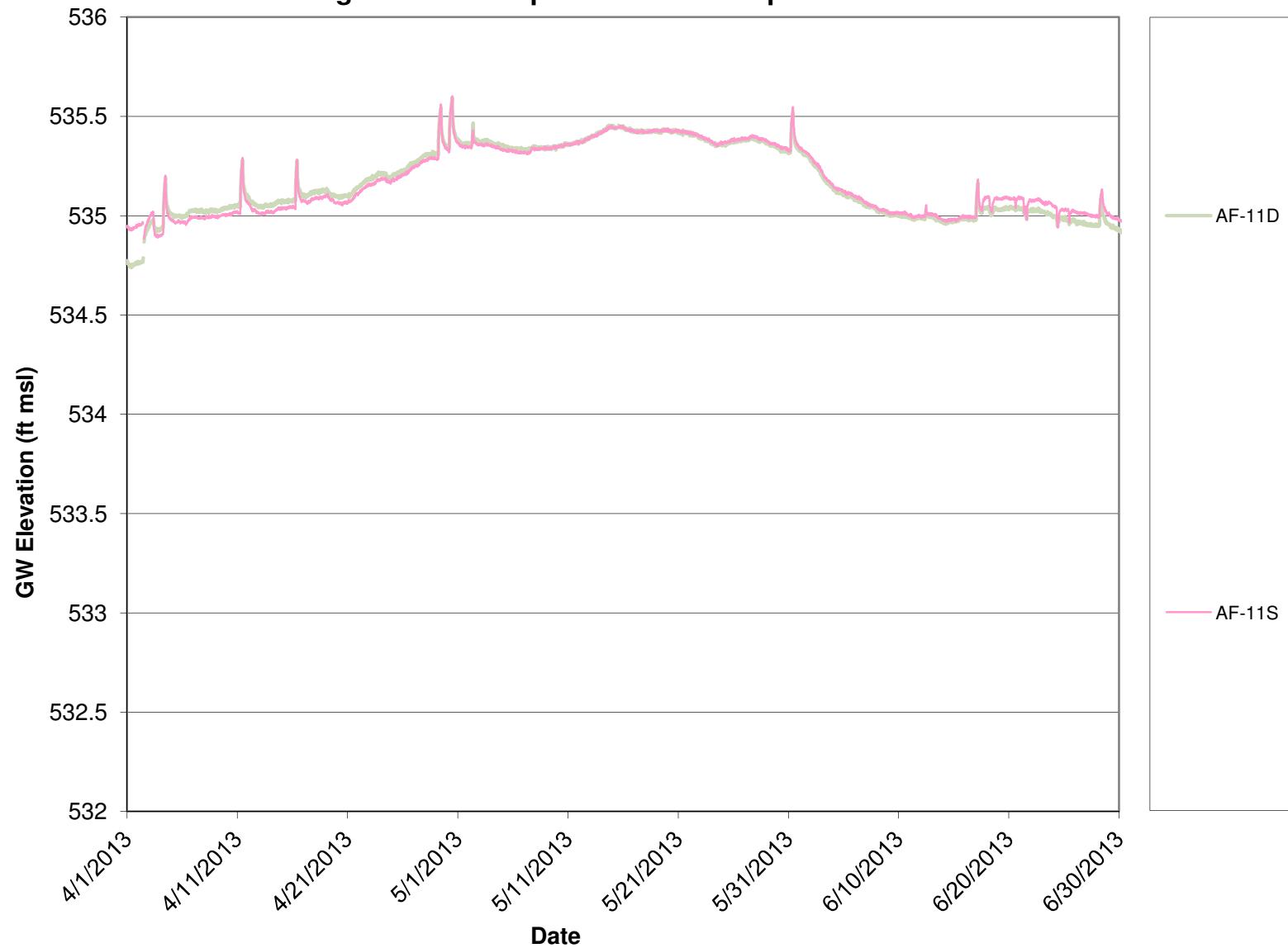


Figure D-5. Group A Corrected Graph - OSMW-4 Series Wells

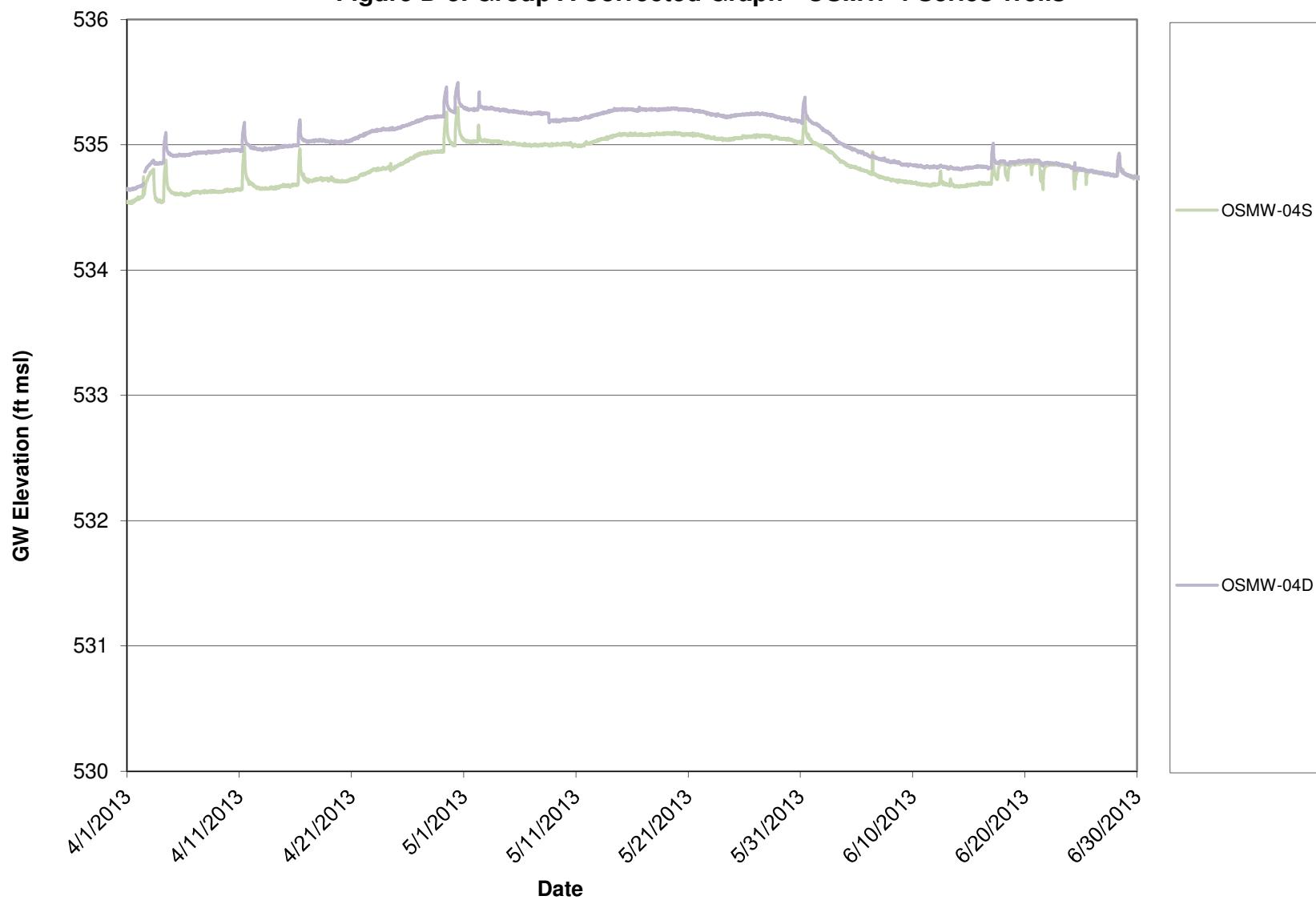


Figure D-6. Group A Corrected Graph – OSMW-1 Series Wells

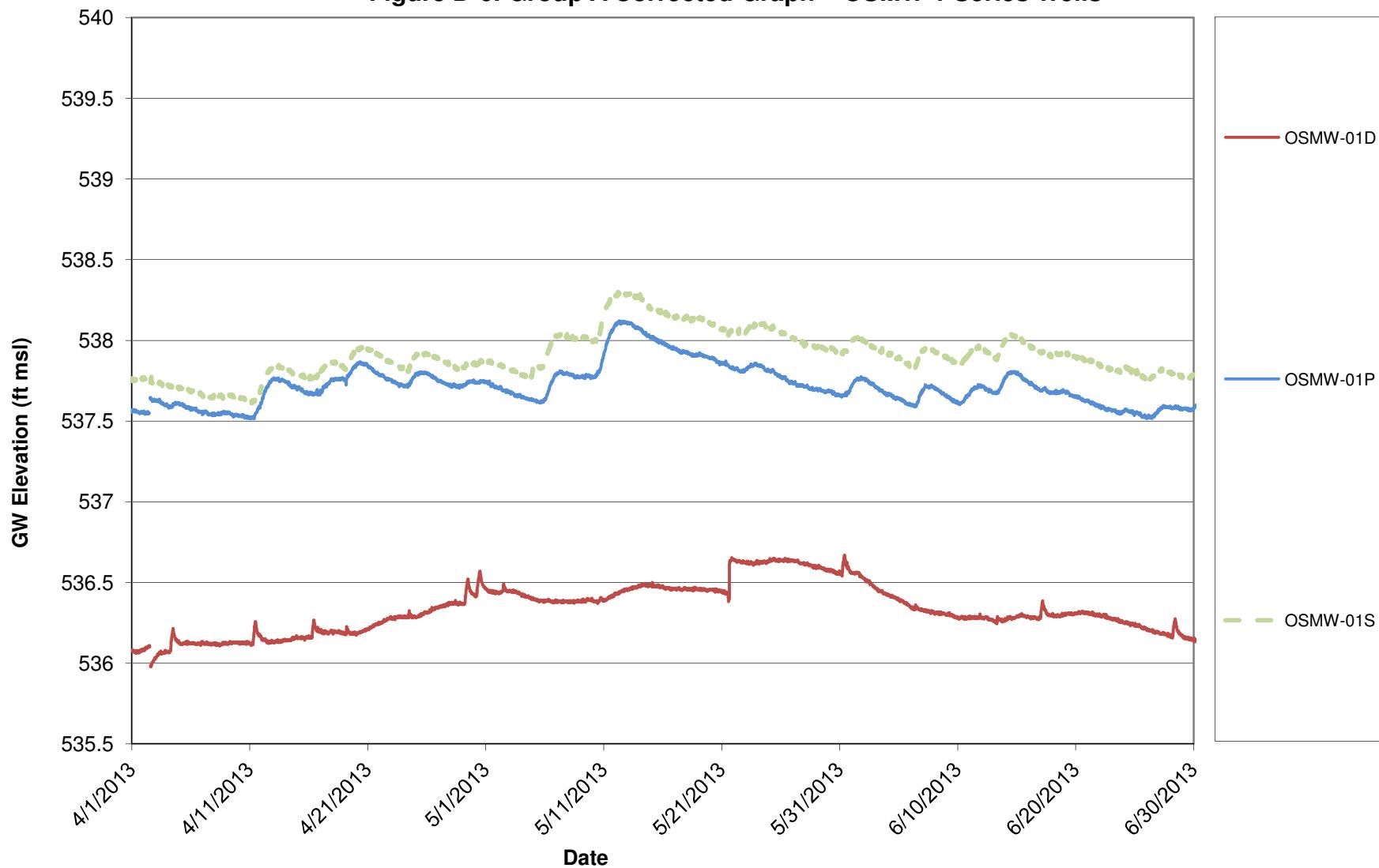


Figure D-7. Group A Corrected Graph - PMW-3 Series Wells

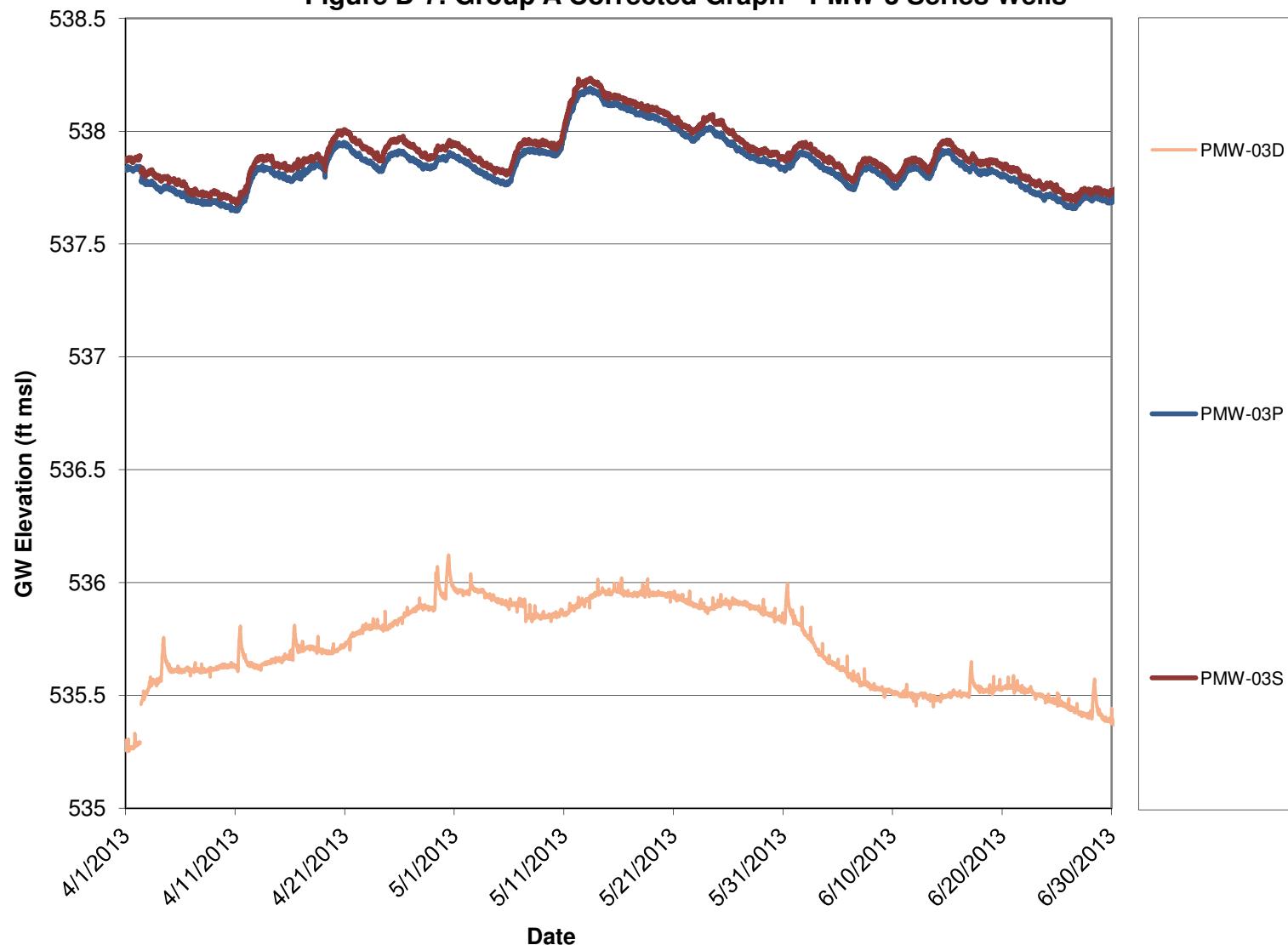


Figure D-8. Group A Corrected Graph - AF-9 Series Wells

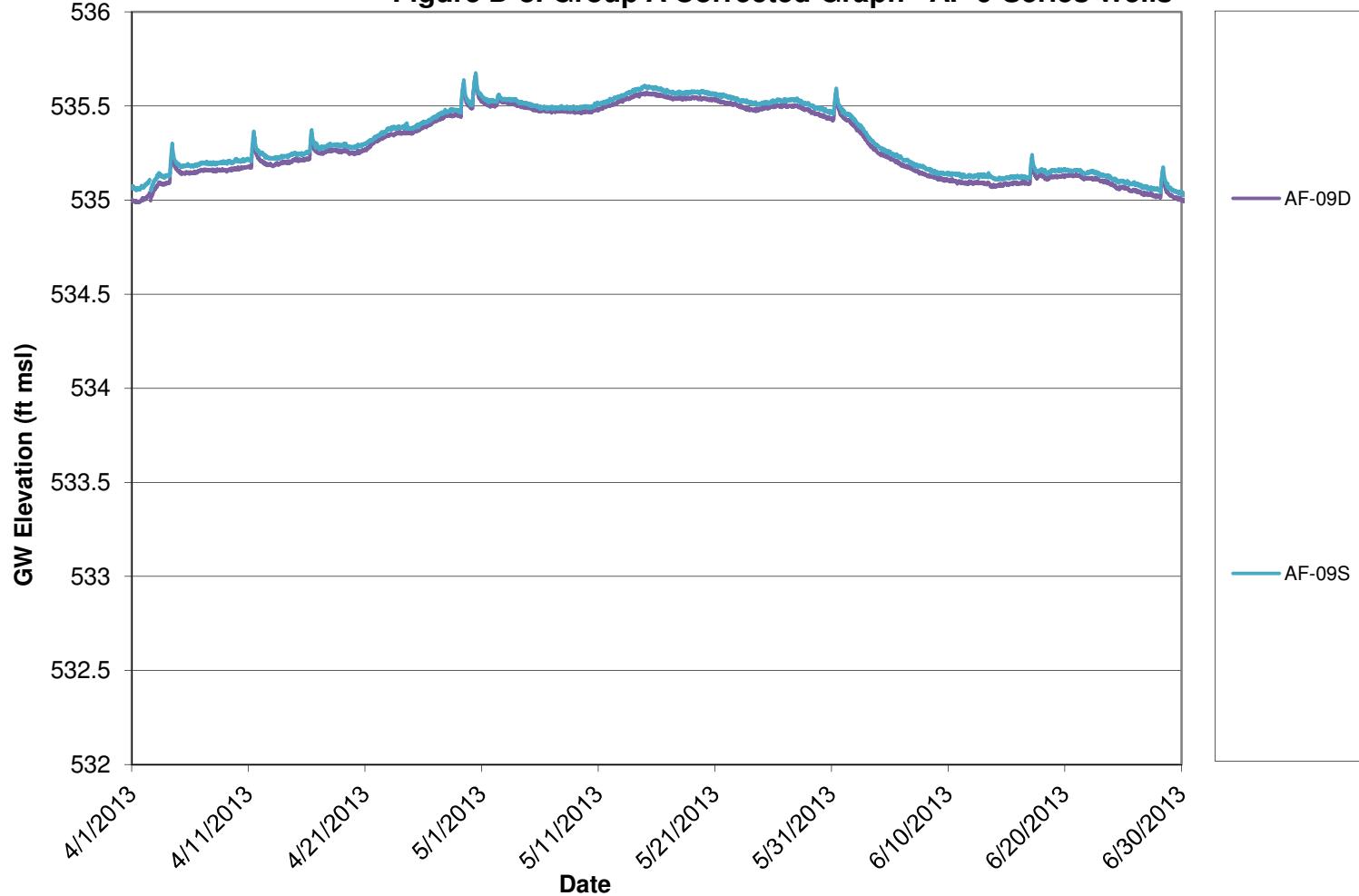
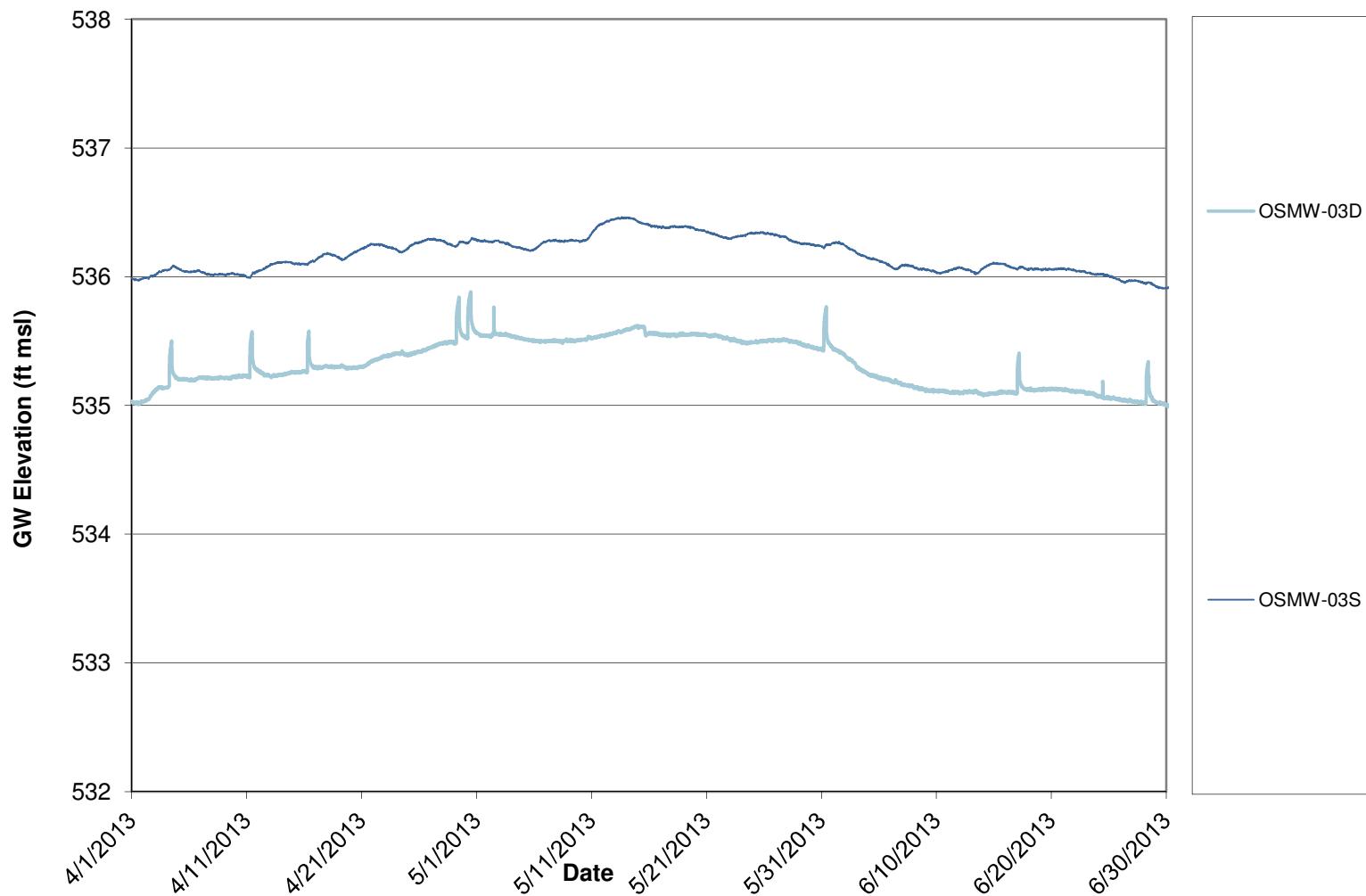


Figure D-9. Group A Corrected Graph - OSMW-3 Series Wells



Appendix E
*Field Parameters and Total
VOC Concentration Plots for
Select Monitoring Wells*

Figure E-1. DO, ORP, pH

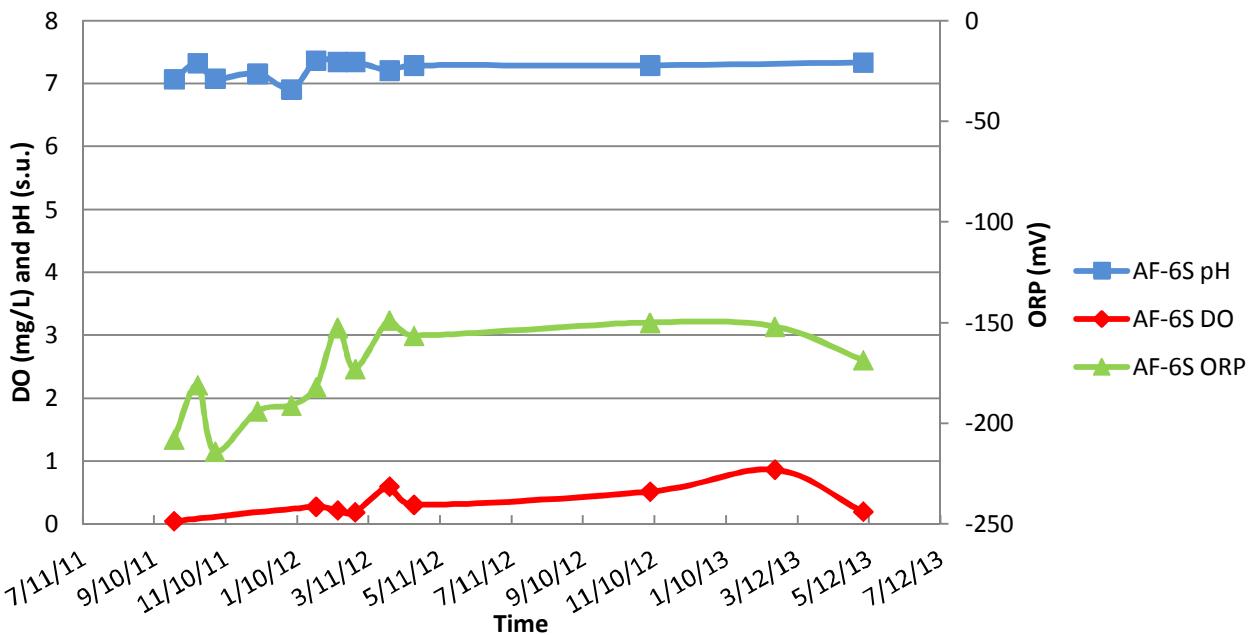


Figure E-1. Total VOCs

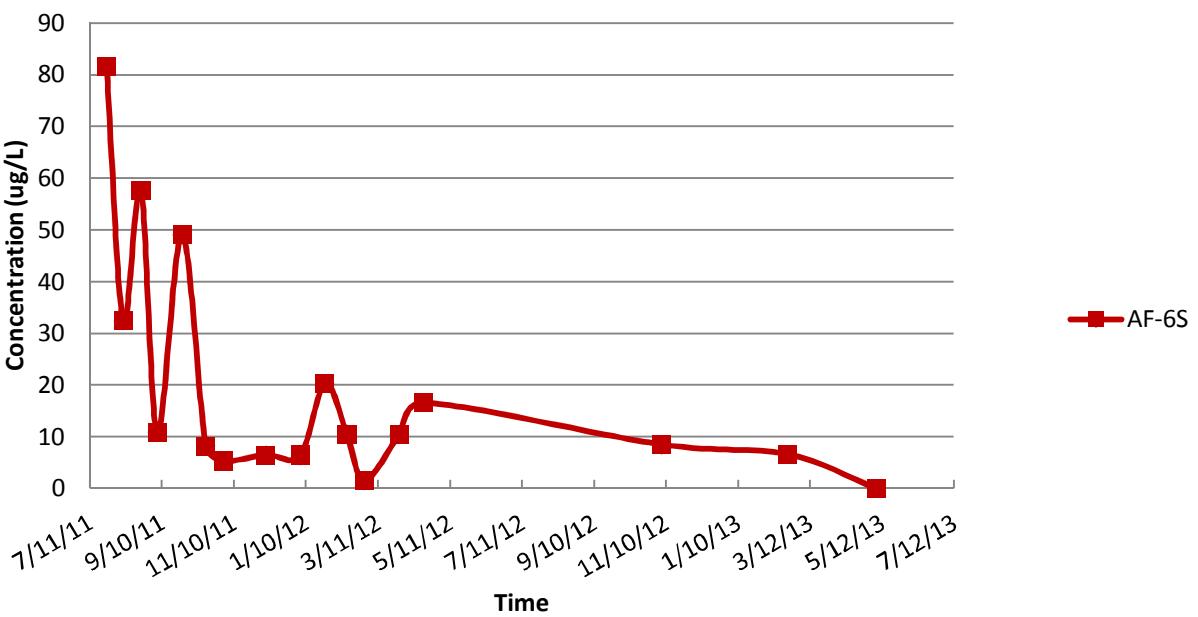


Figure E-2. DO, ORP, pH

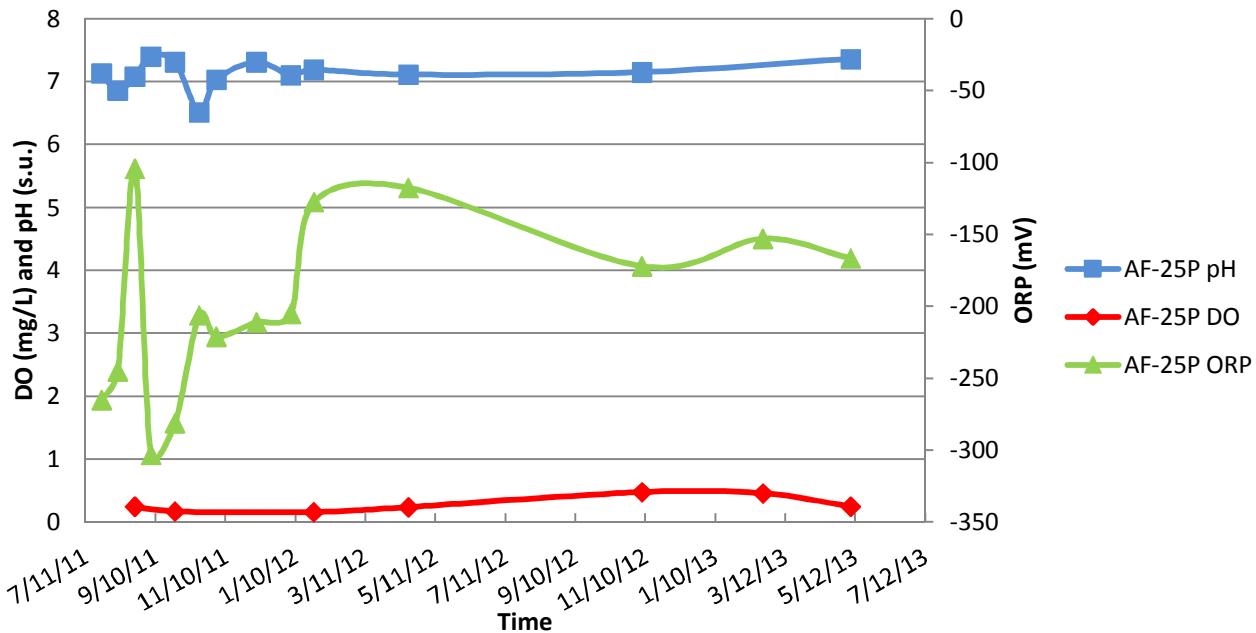


Figure E-2. Total VOCs

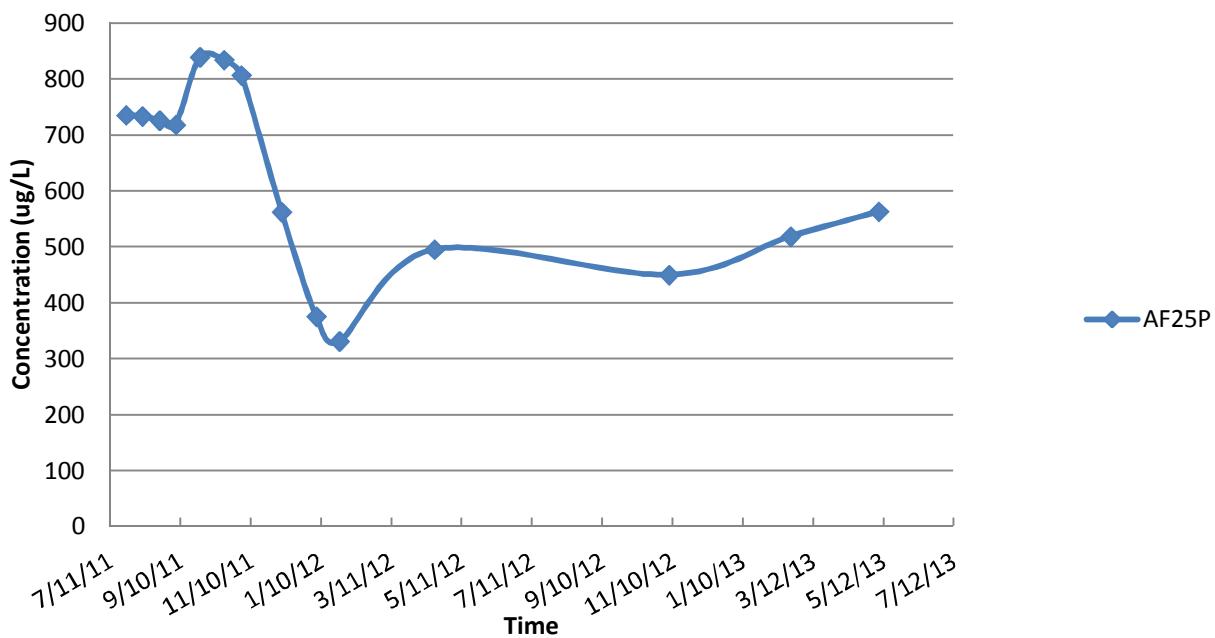


Figure E-3. DO, ORP, pH

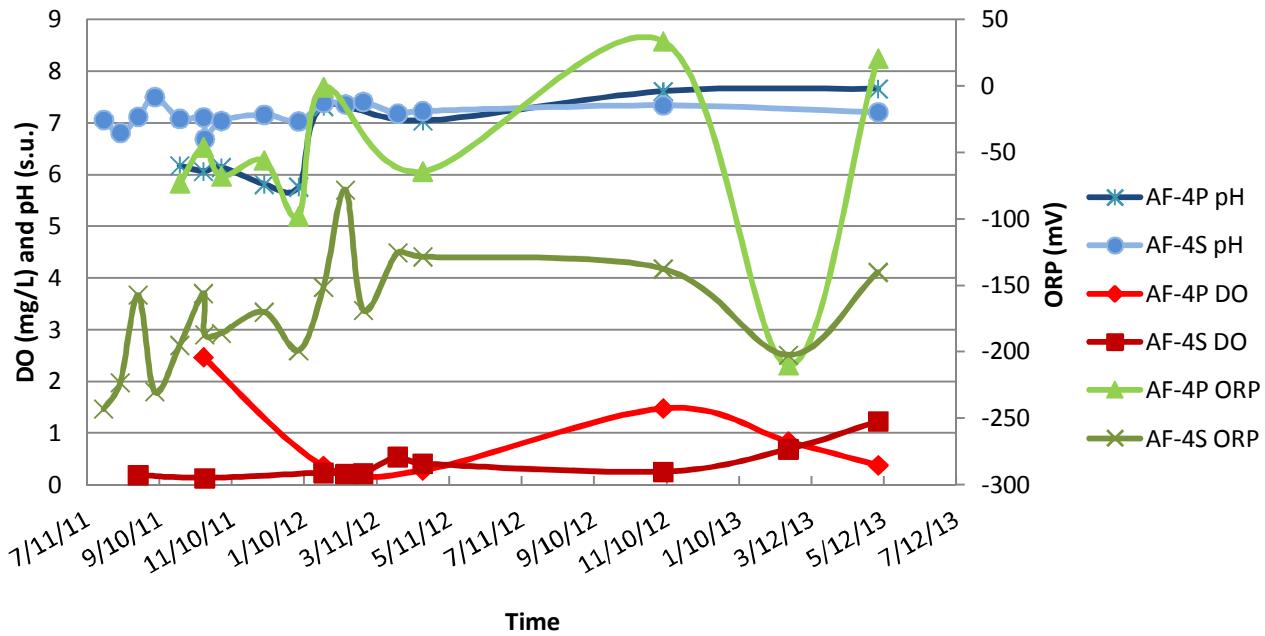


Figure E-3. Total VOCs

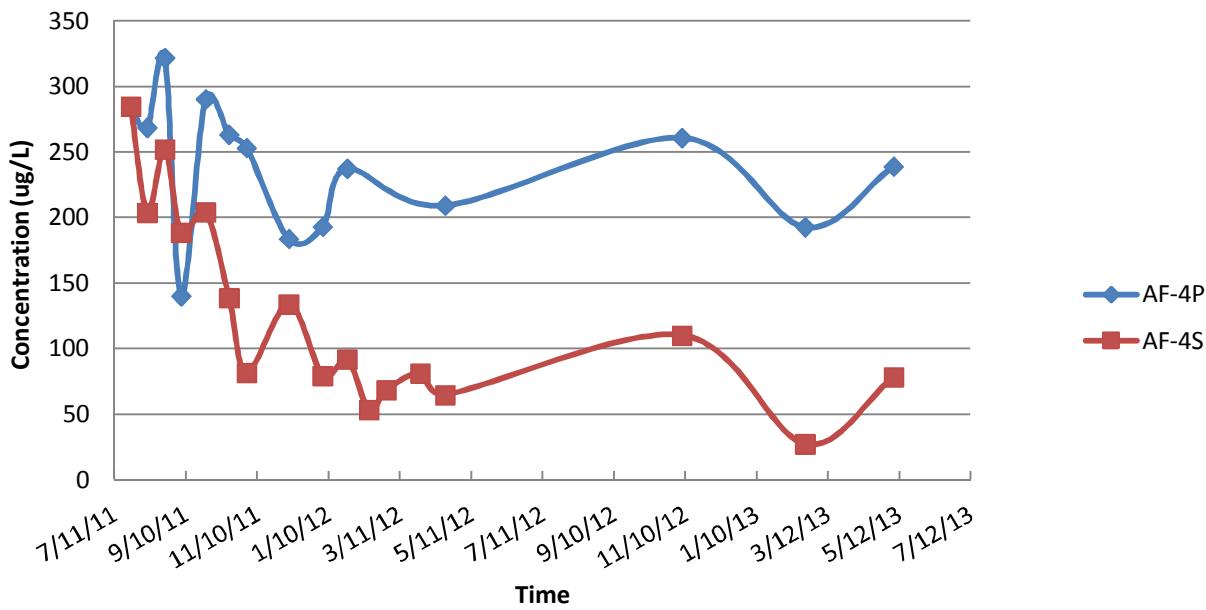


Figure E-4. DO, ORP, pH

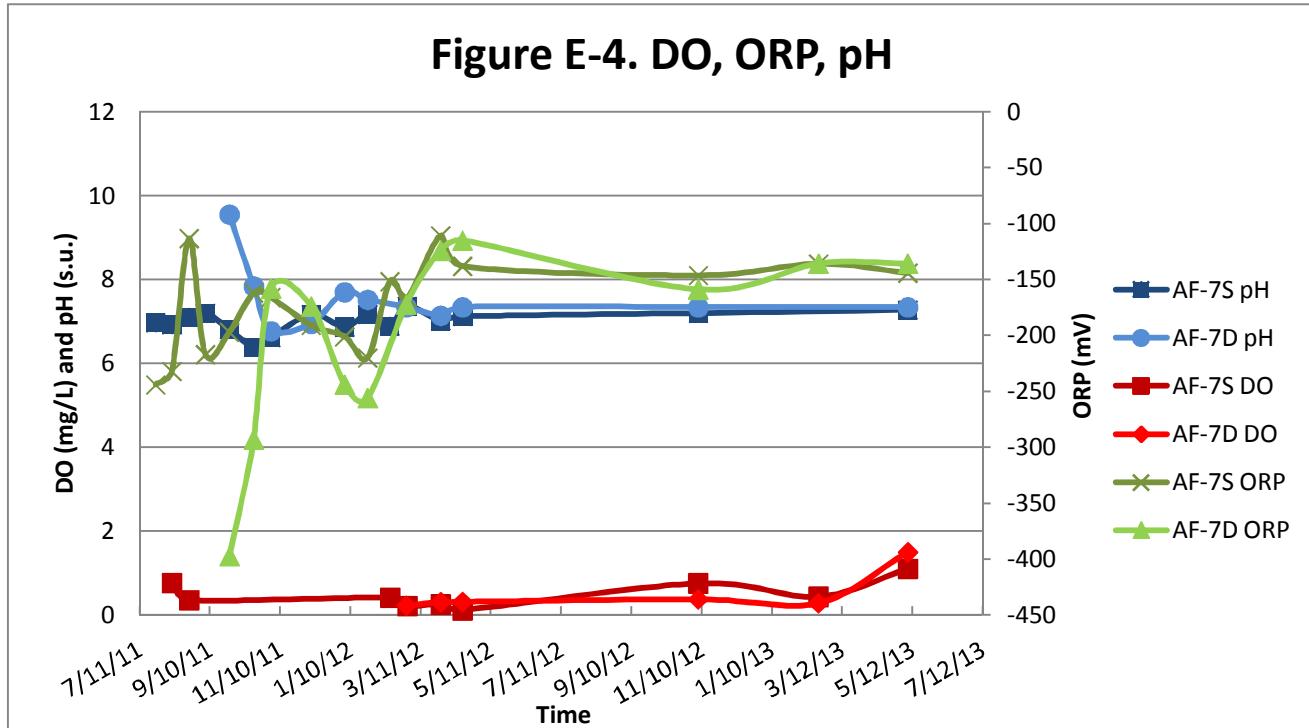


Figure E-4. Total VOCs

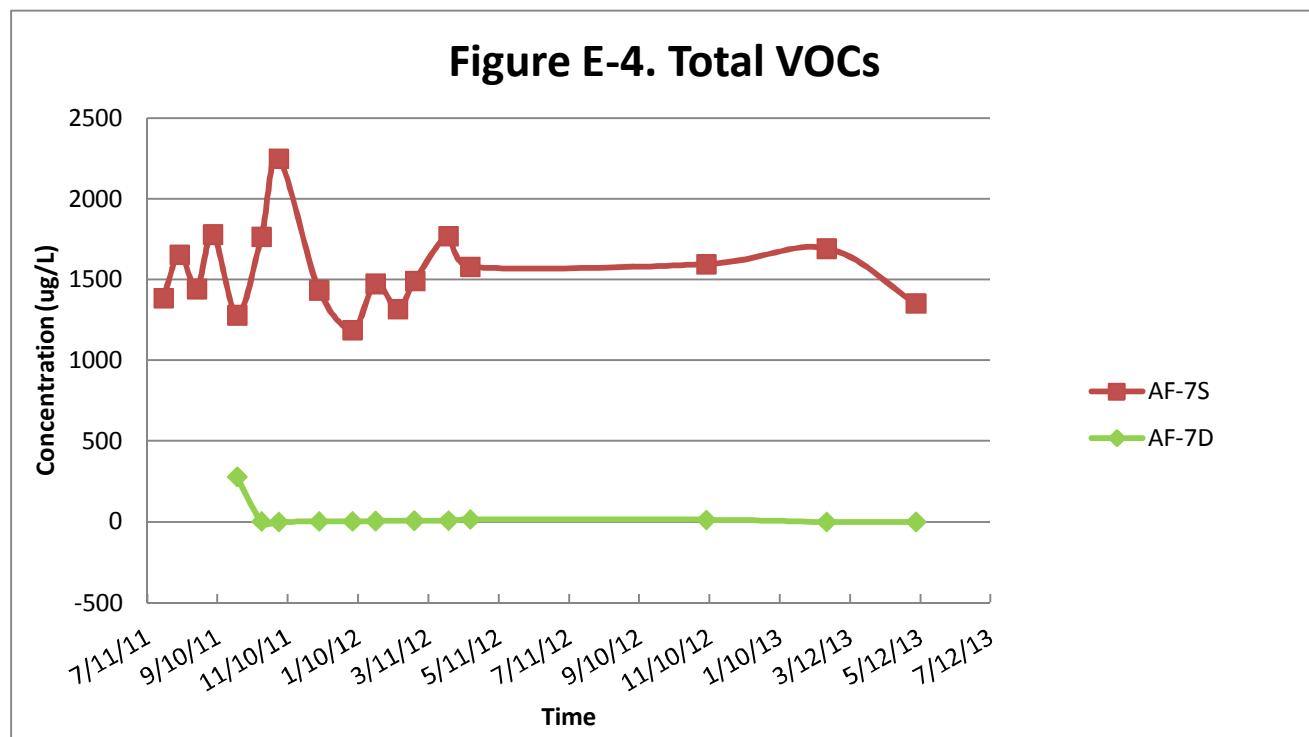


Figure E-5. DO, ORP, pH

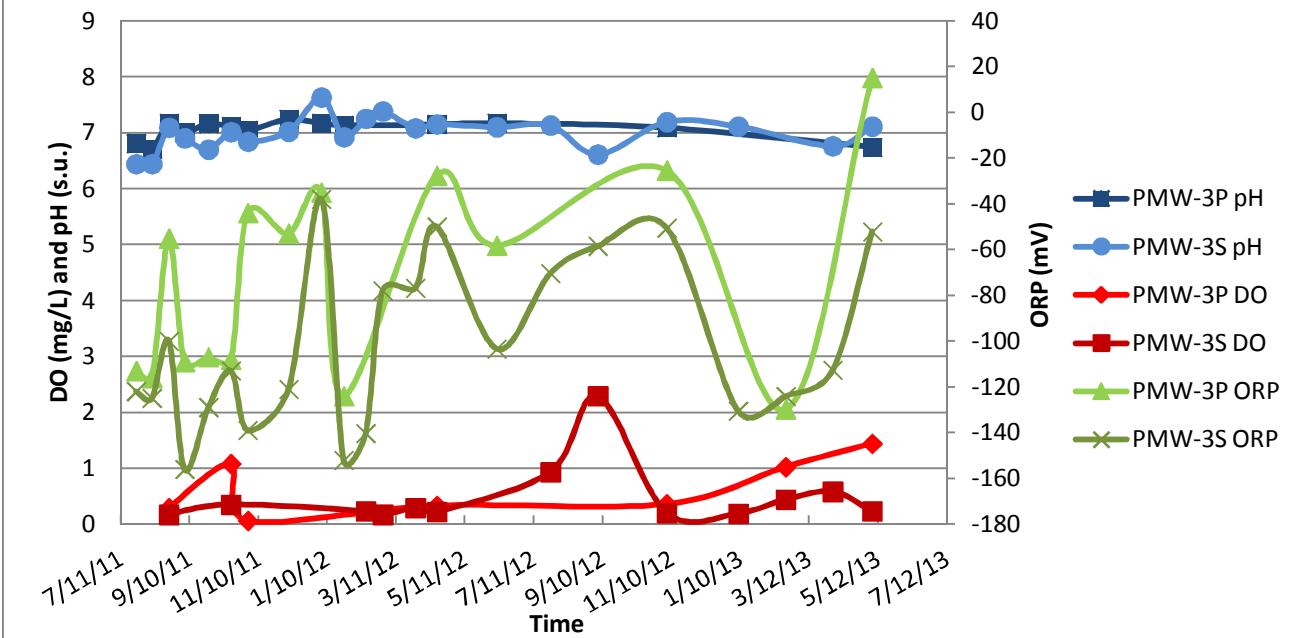


Figure E-5. Total VOCs

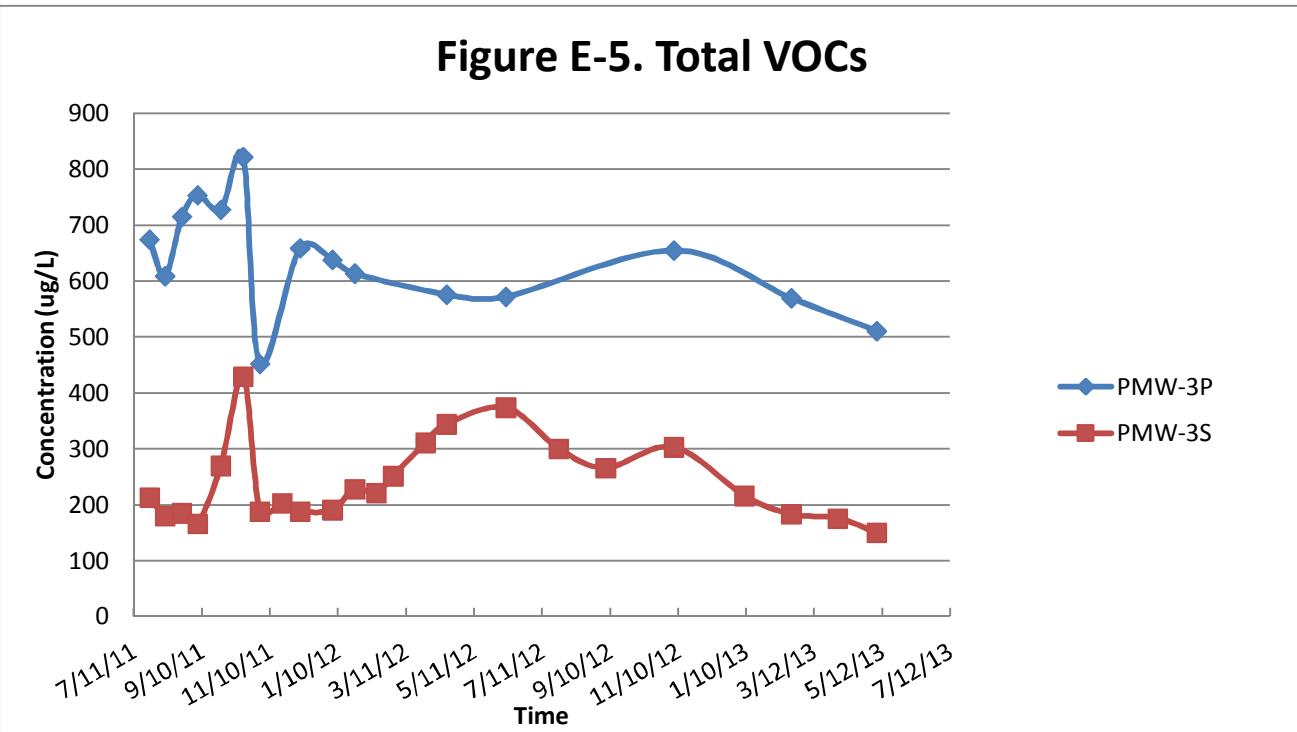


Figure E-6. DO, ORP, pH

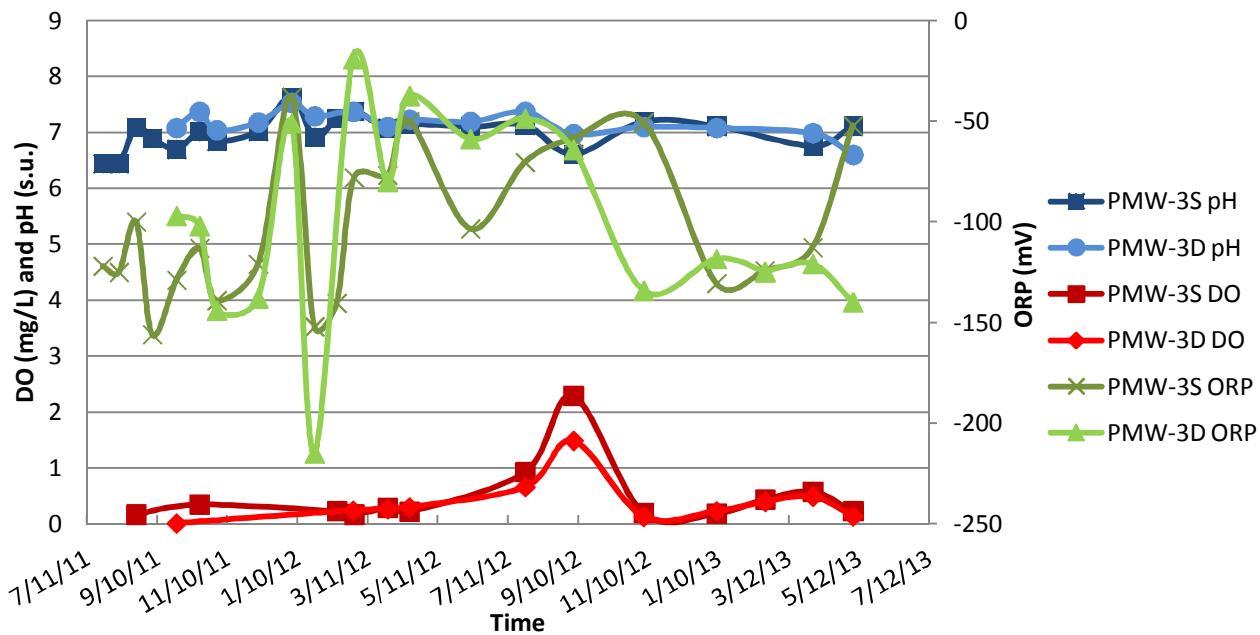


Figure E-6. Total VOCs

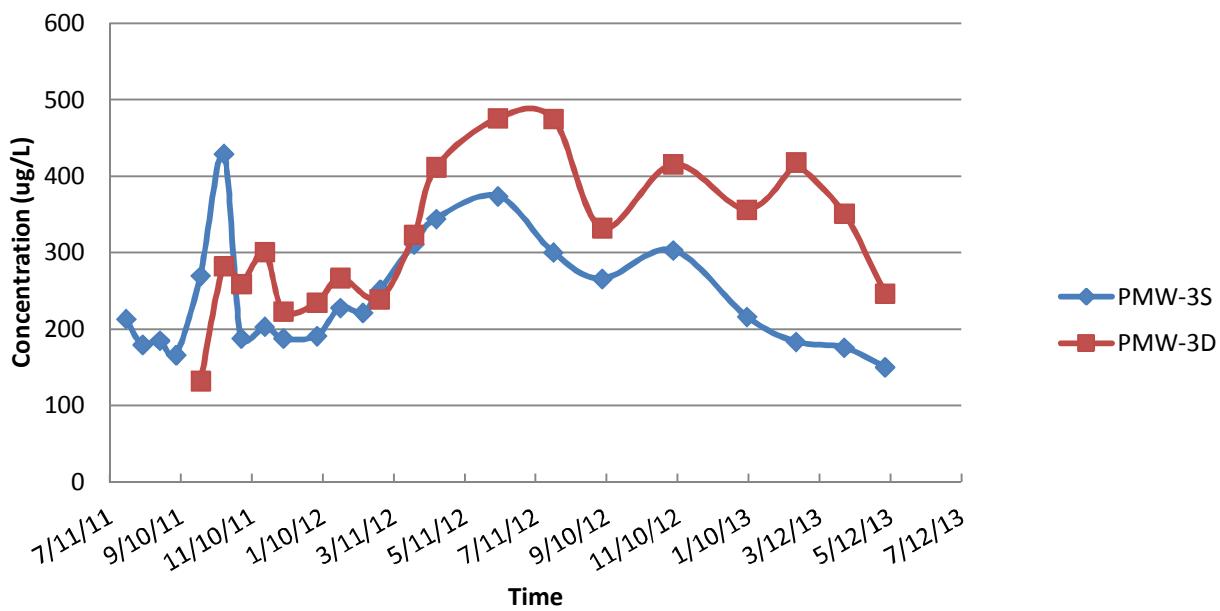


Figure E-7. DO, ORP, pH

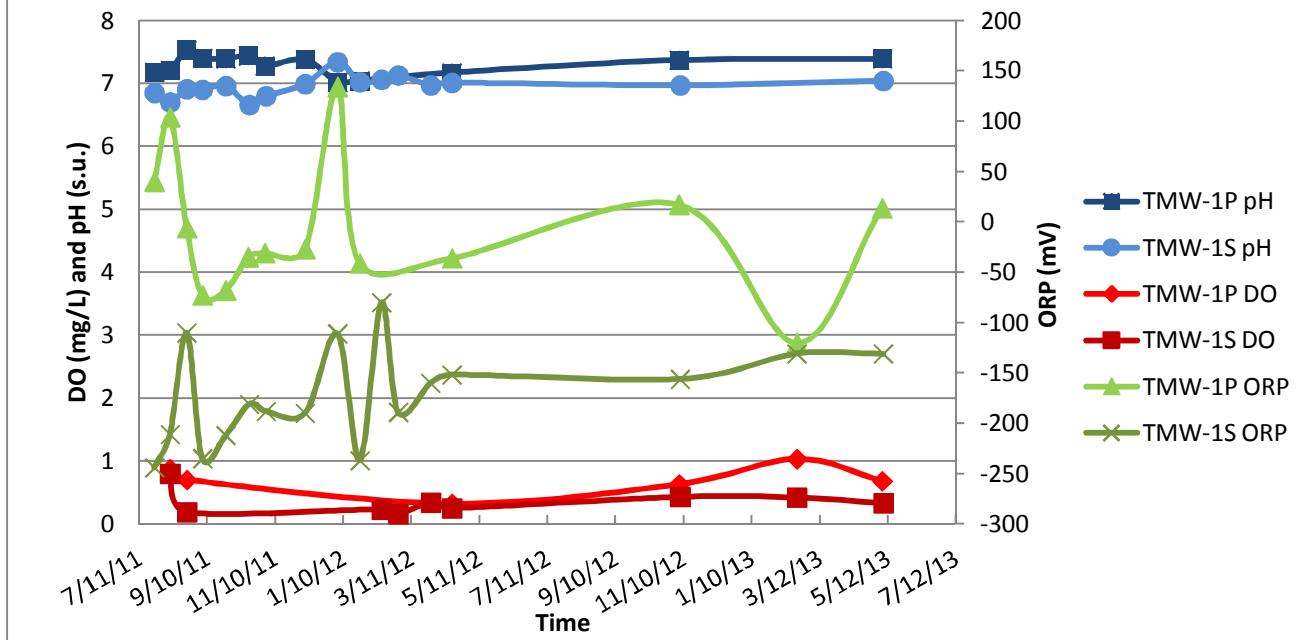


Figure E-7. Total VOCs

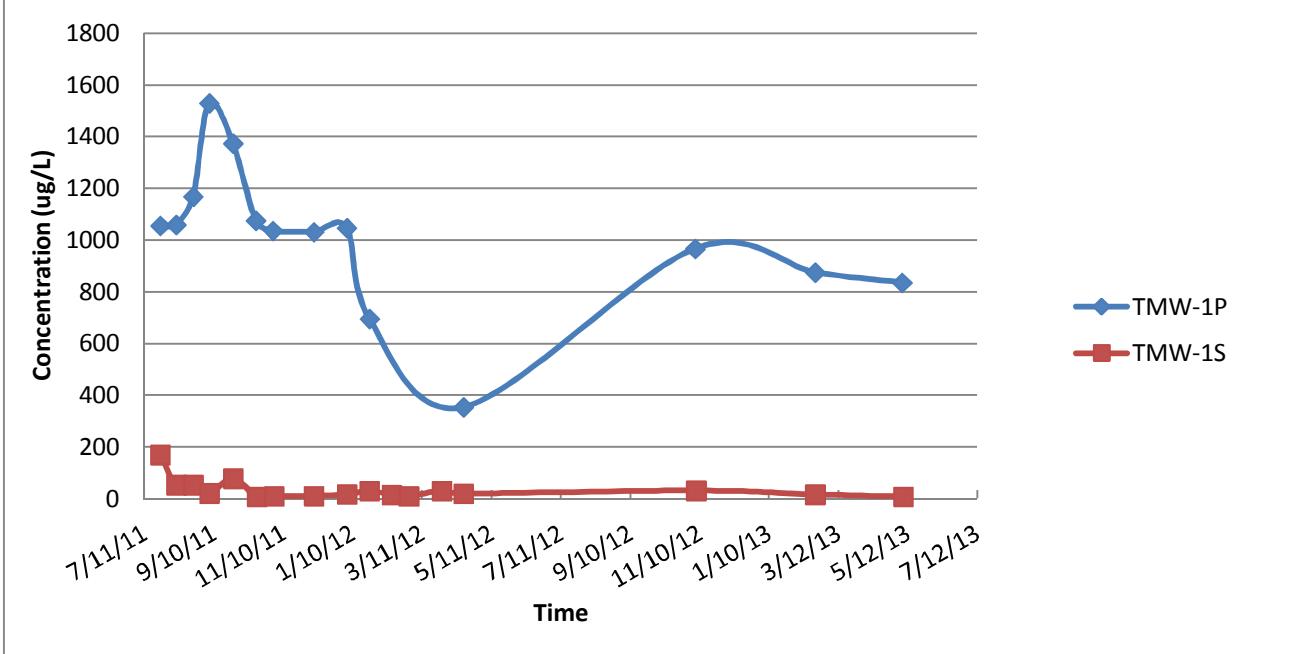


Figure E-8. DO, ORP, pH

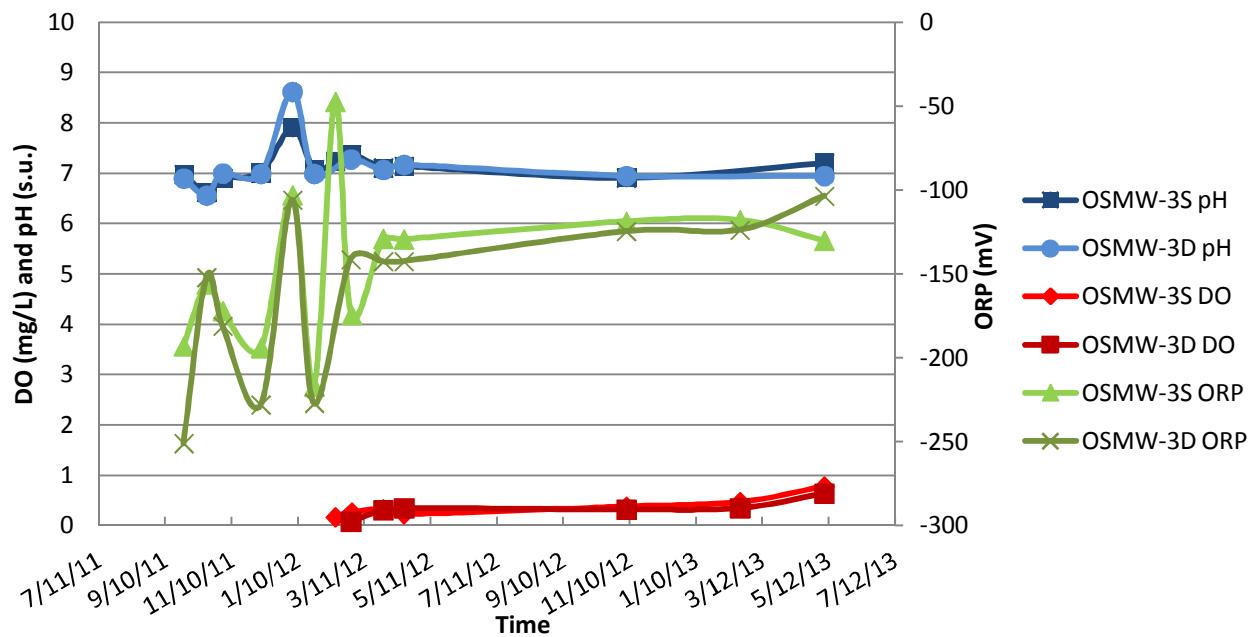


Figure E-8. Total VOCs

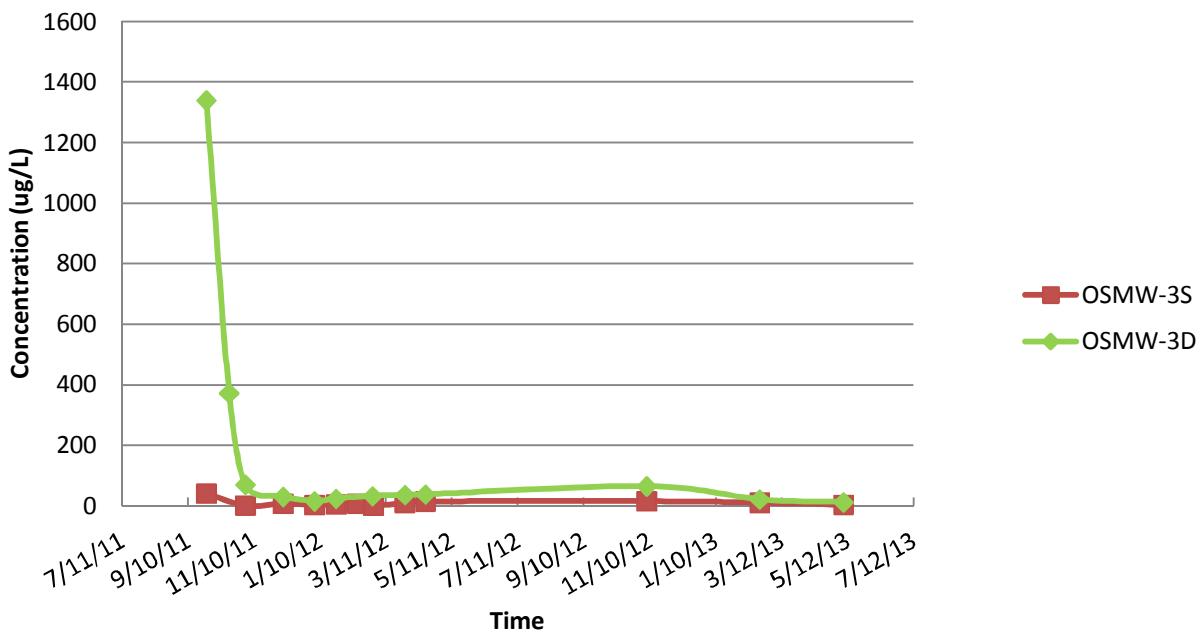


Figure E-9. DO, ORP, pH

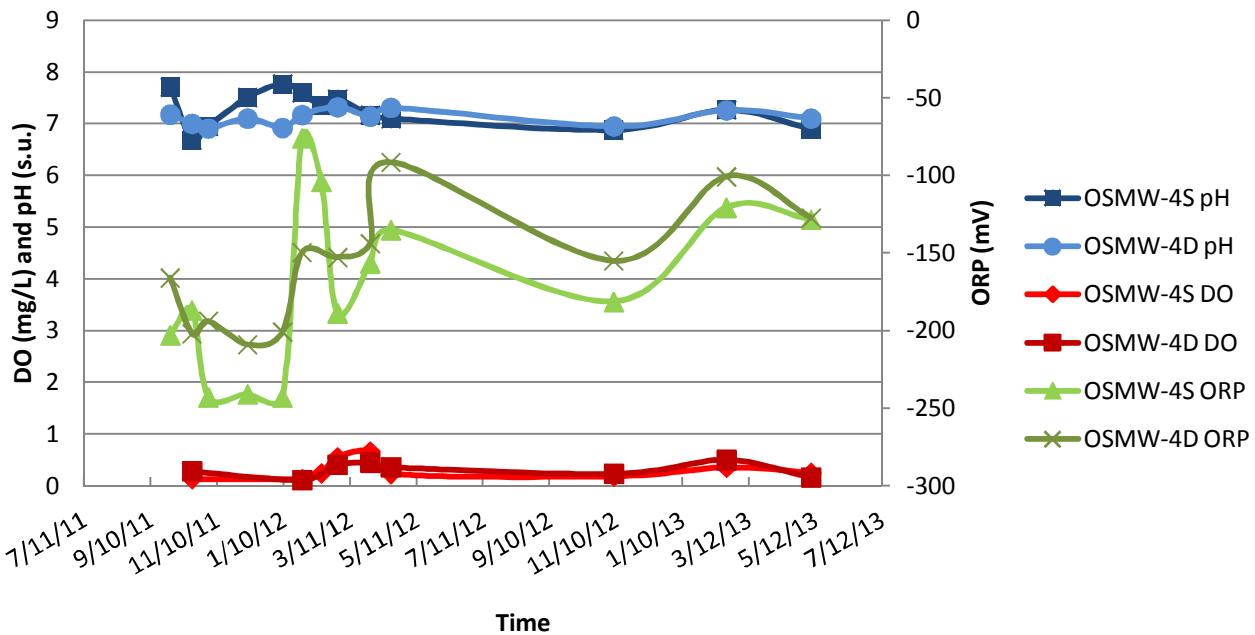


Figure E-9. Total VOCs

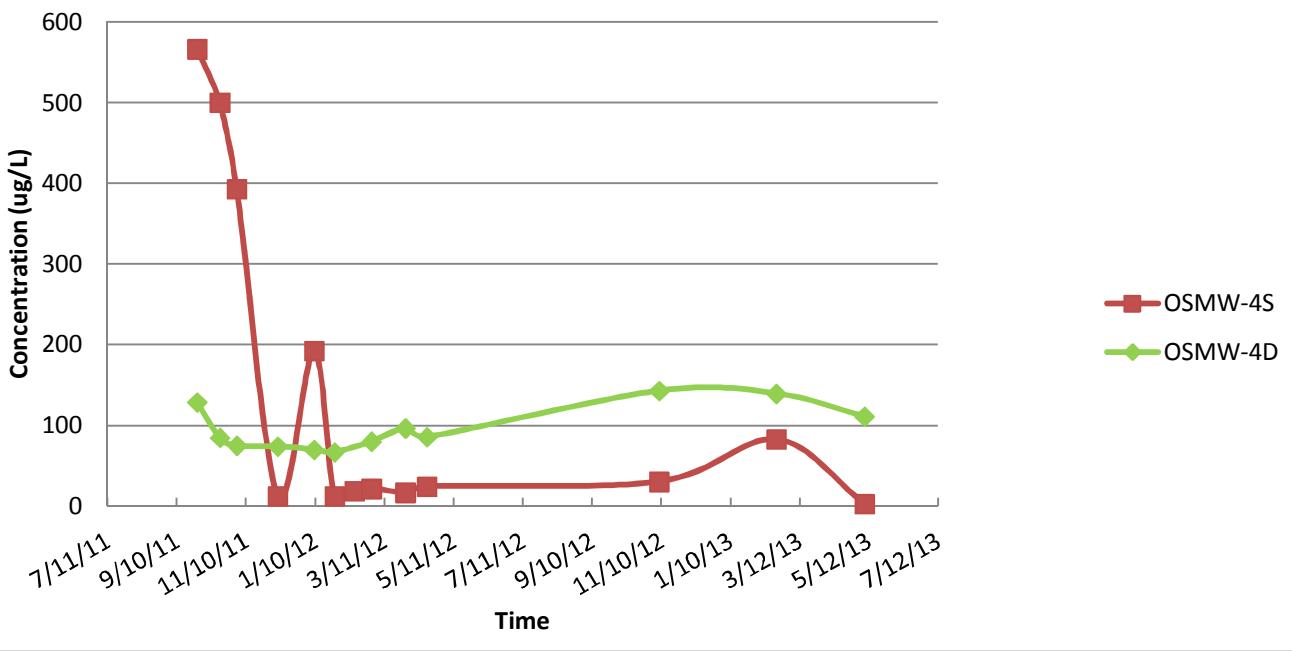


Figure E-10. DO, ORP, pH

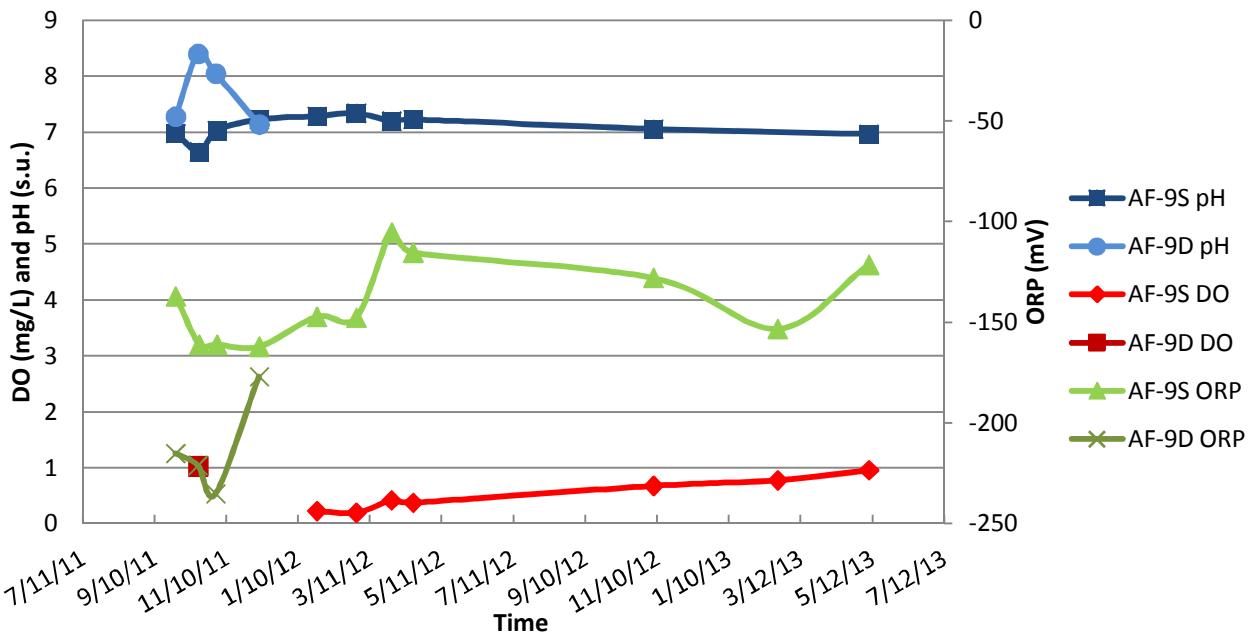


Figure E-10. Total VOCs

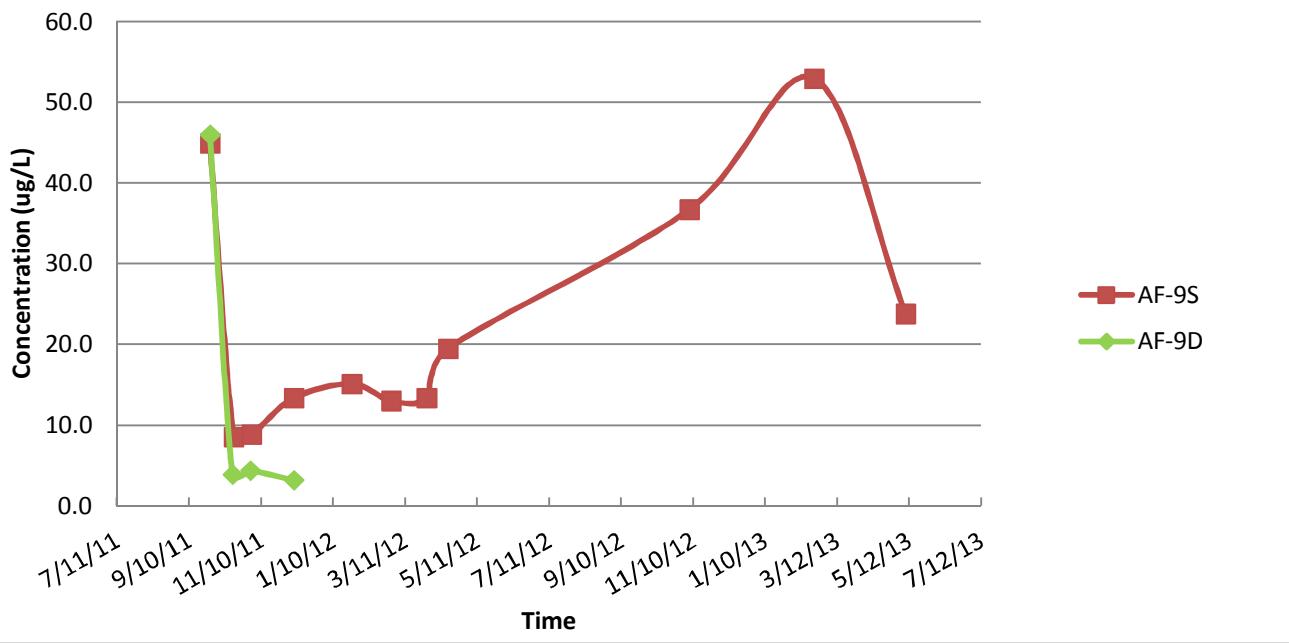


Figure E-11. DO, ORP, pH

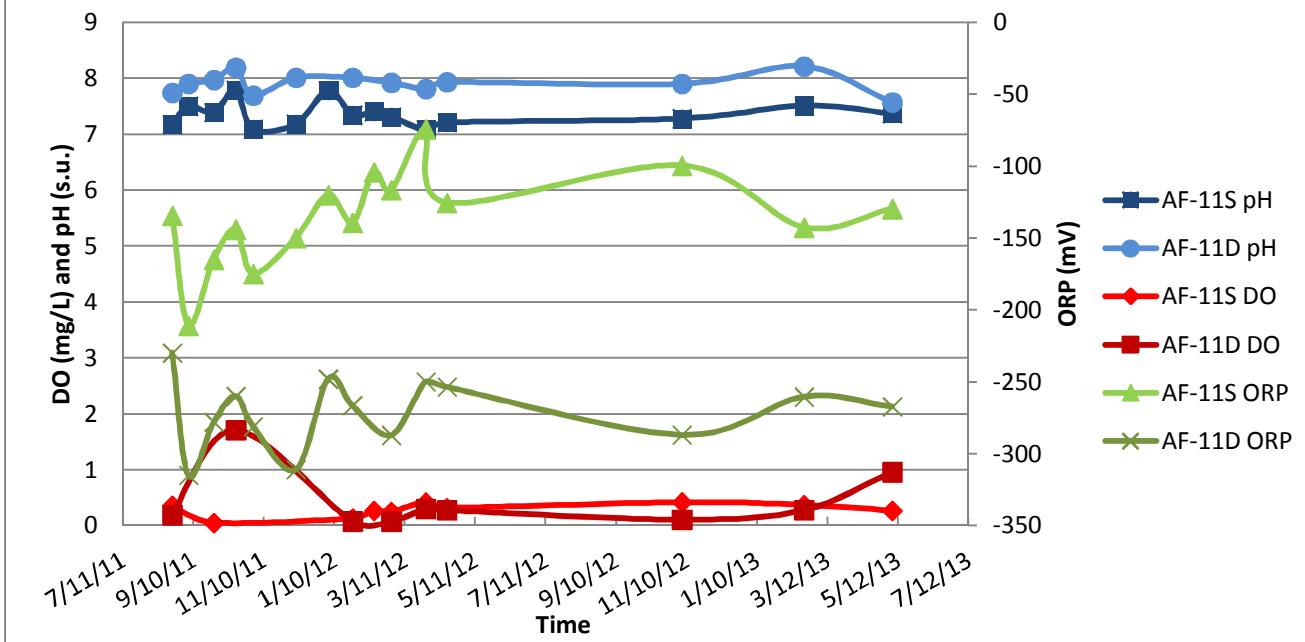


Figure E-11. Total VOCs

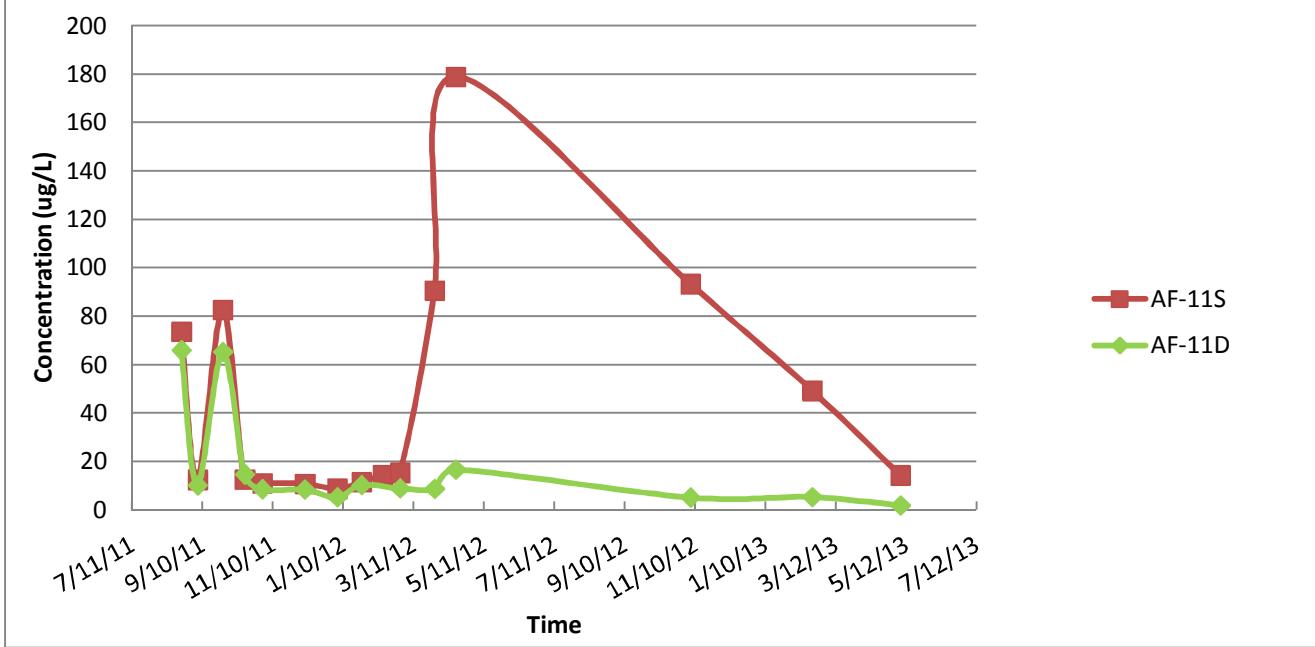


Figure E-12. DO, ORP, pH

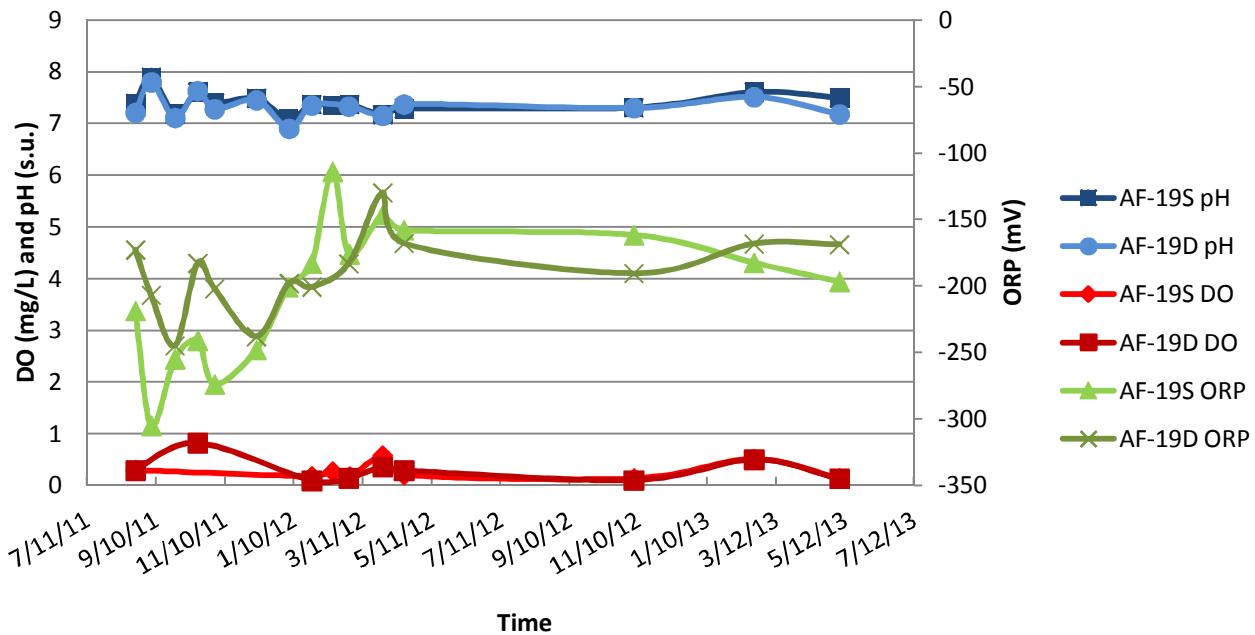


Figure E-12. Total VOCs

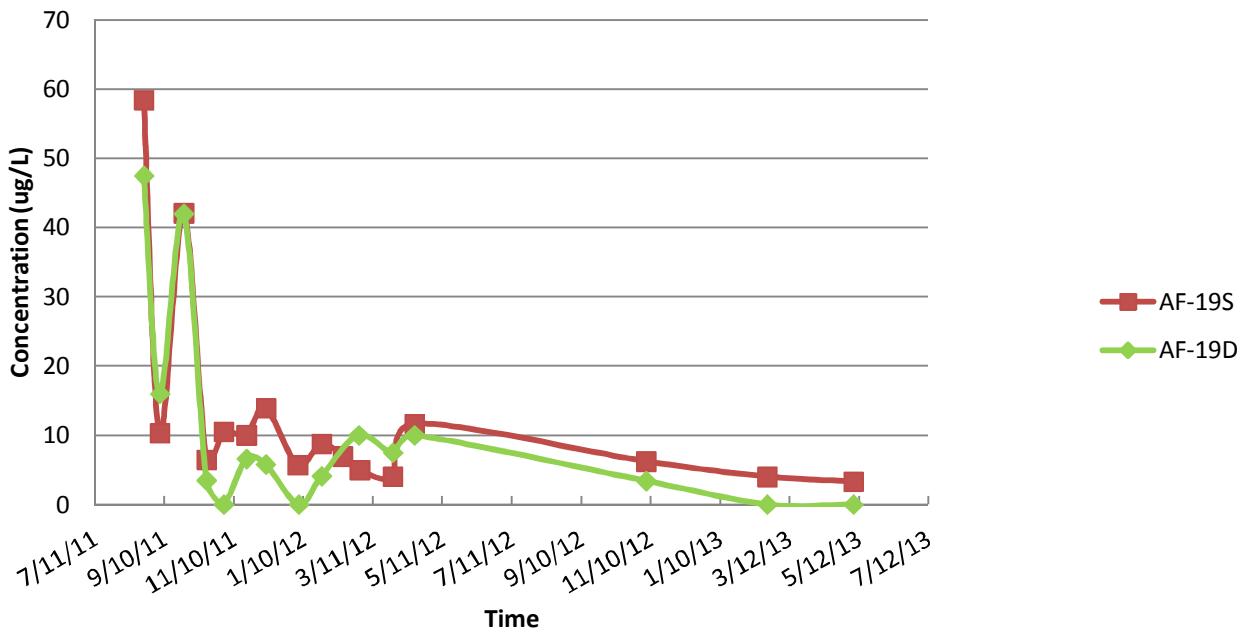


Figure E-13. DO, ORP, pH

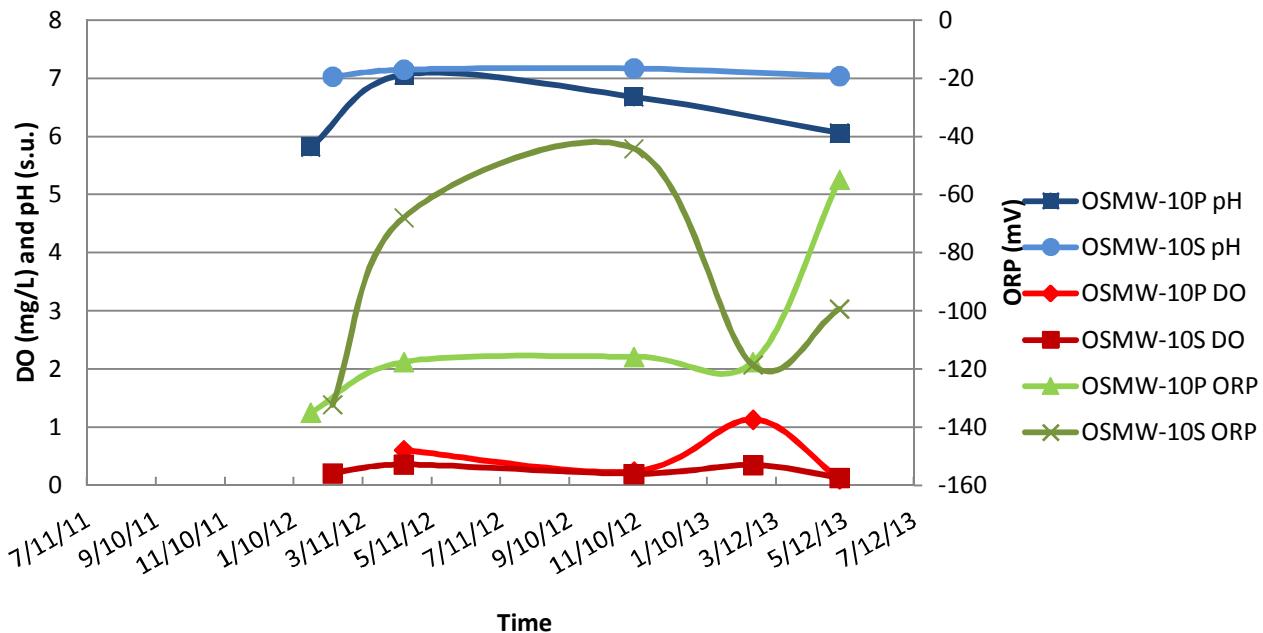


Figure E-13. Total VOCs

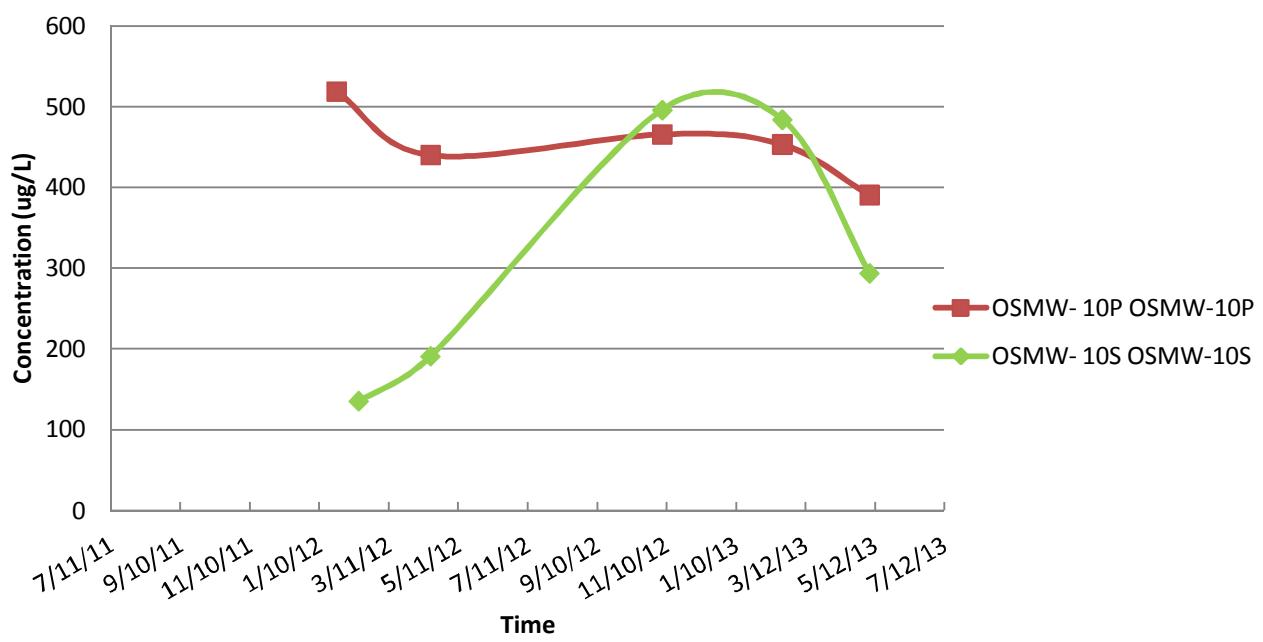


Figure E-14. DO, ORP, pH

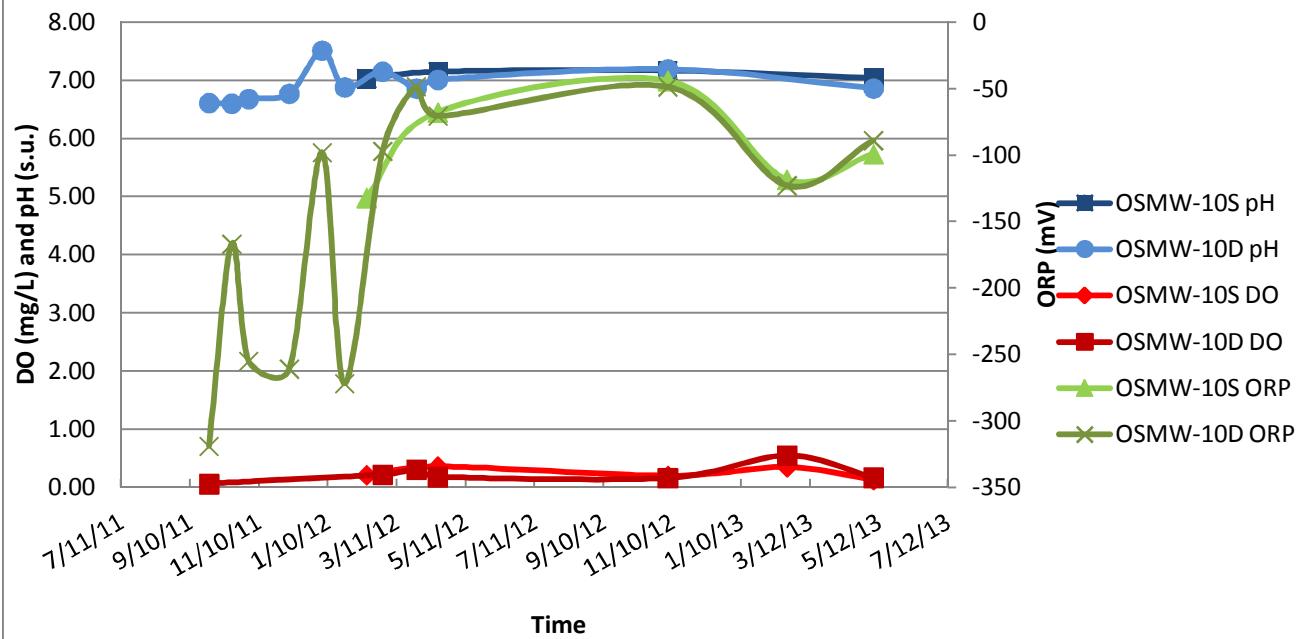
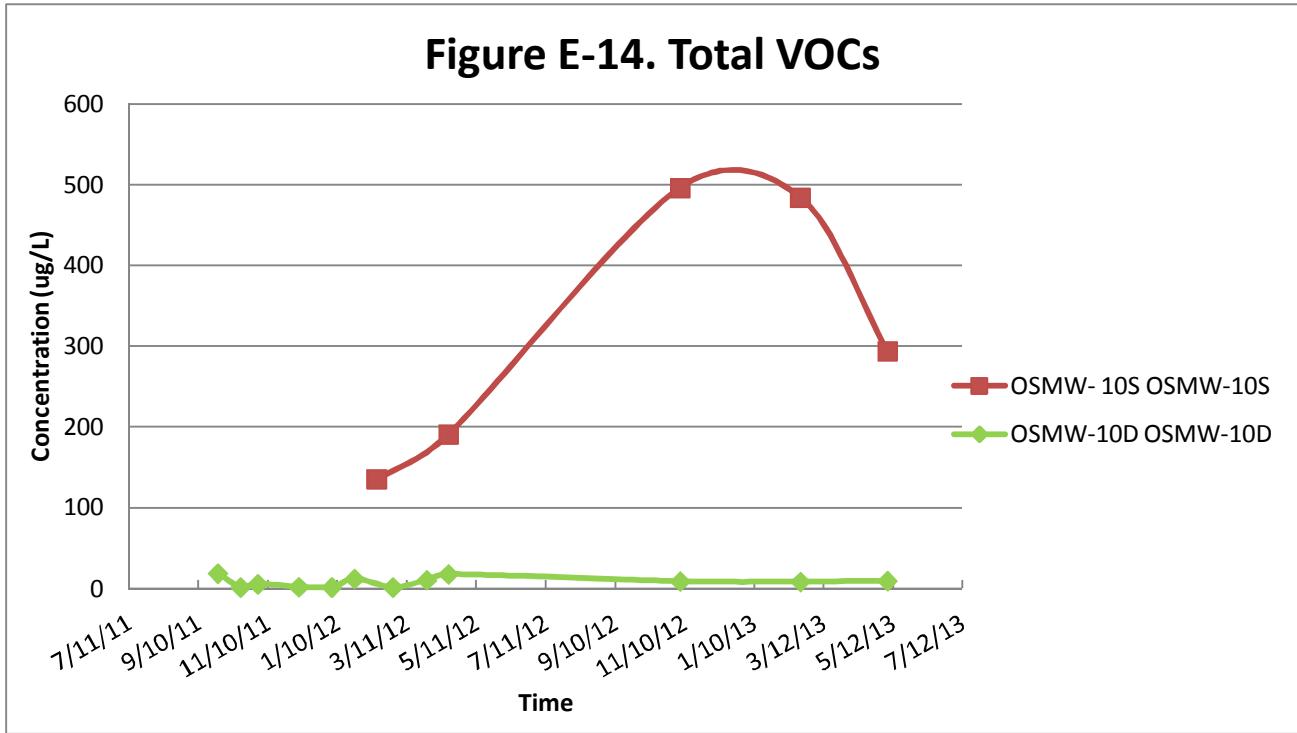


Figure E-14. Total VOCs



Appendix F
Total VOC and CVOC
Concentration Plots for
Extraction Wells

Figure F-1. Influent Concentrations - All Wells Combined Header

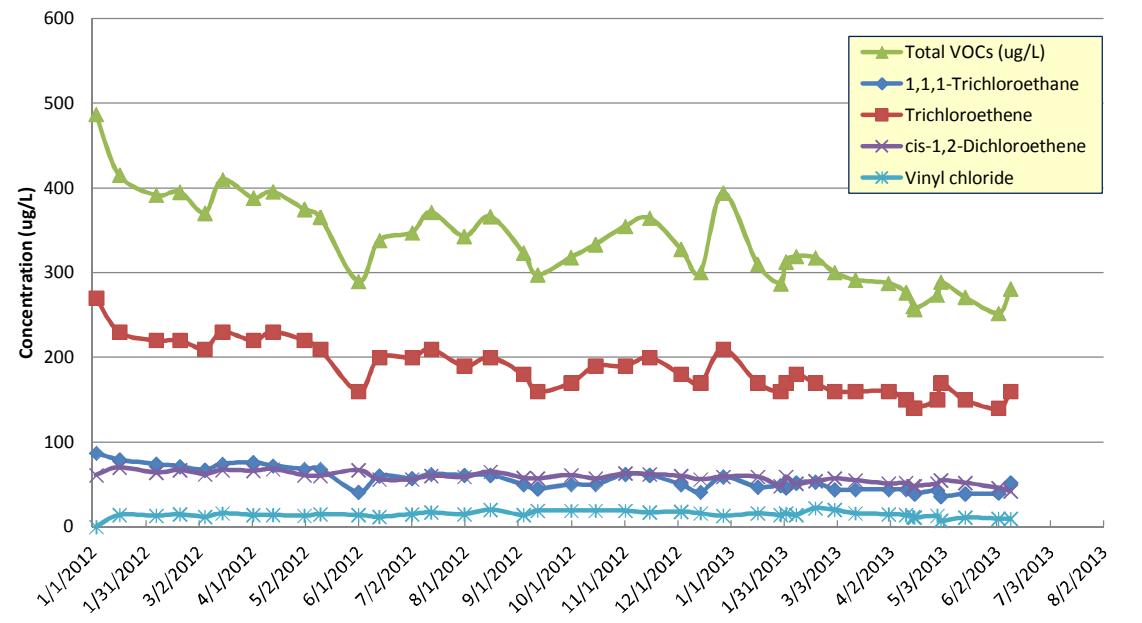


Figure F-2. Total VOCs

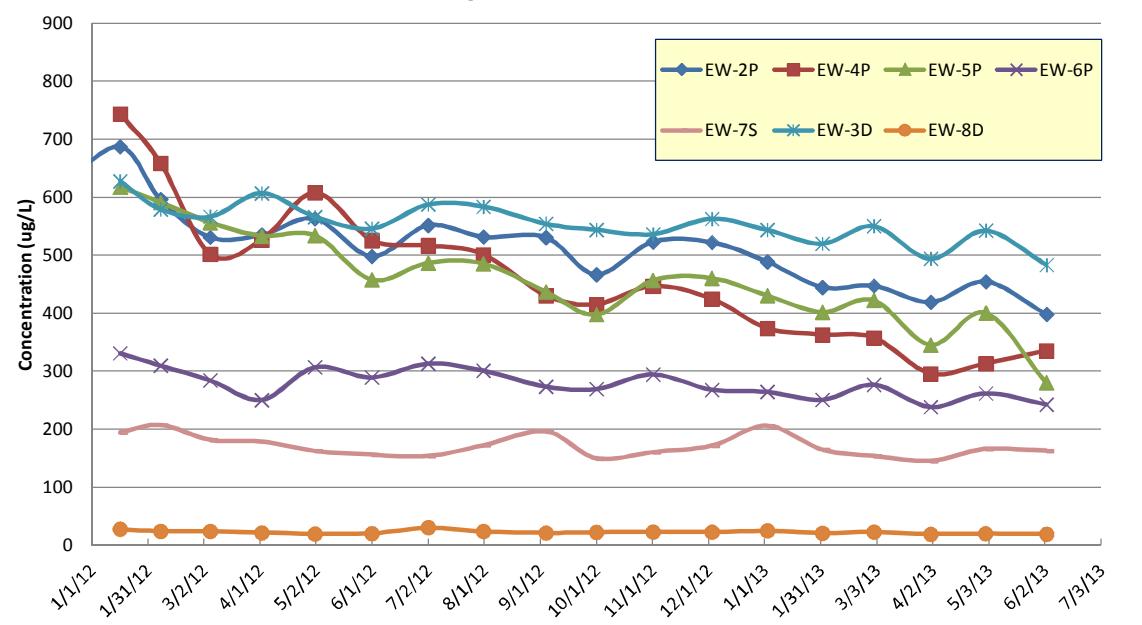


Figure F-3. Influent Concentrations - EW-2P

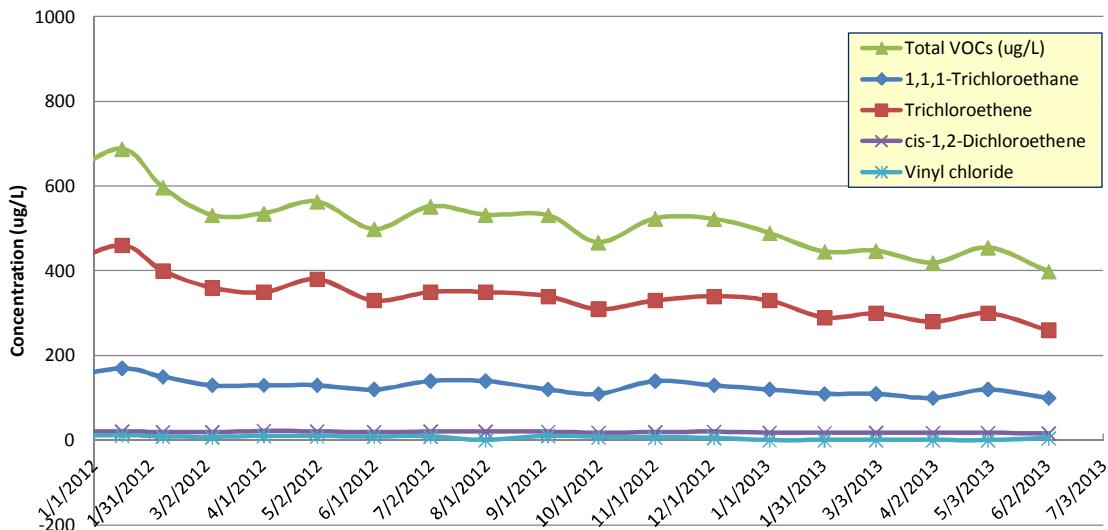


Figure F-4. Influent Concentrations - EW-4P

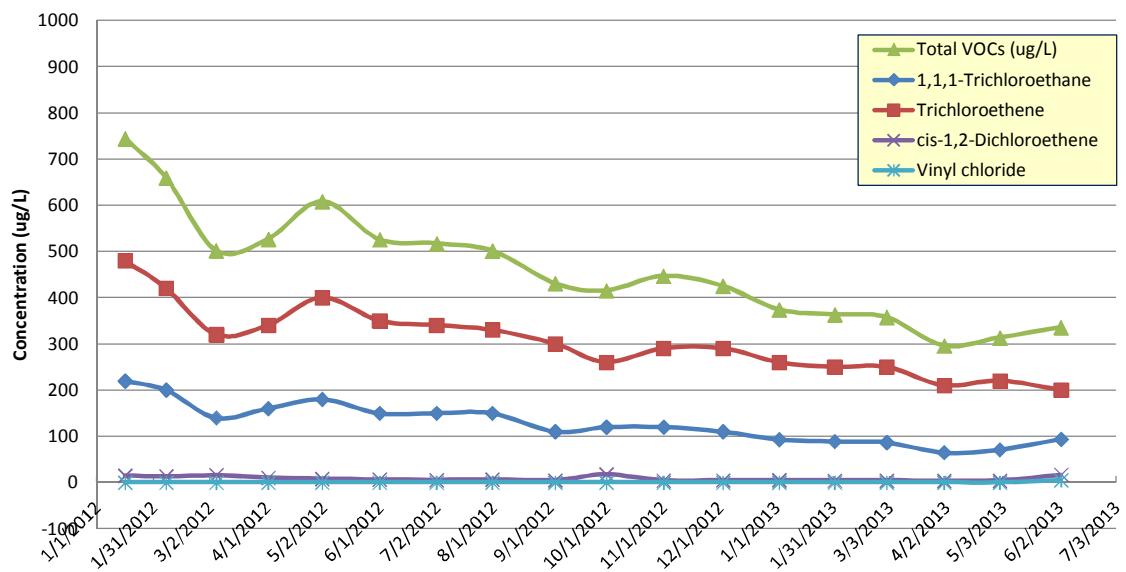


Figure F-5. Influent Concentrations - EW-5P

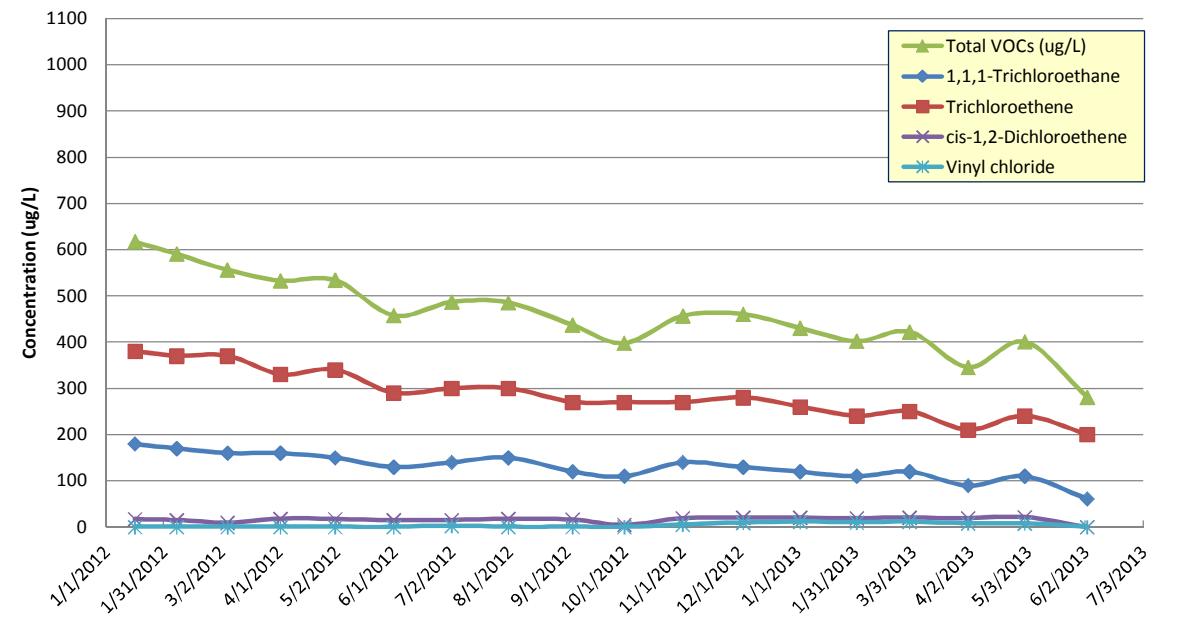
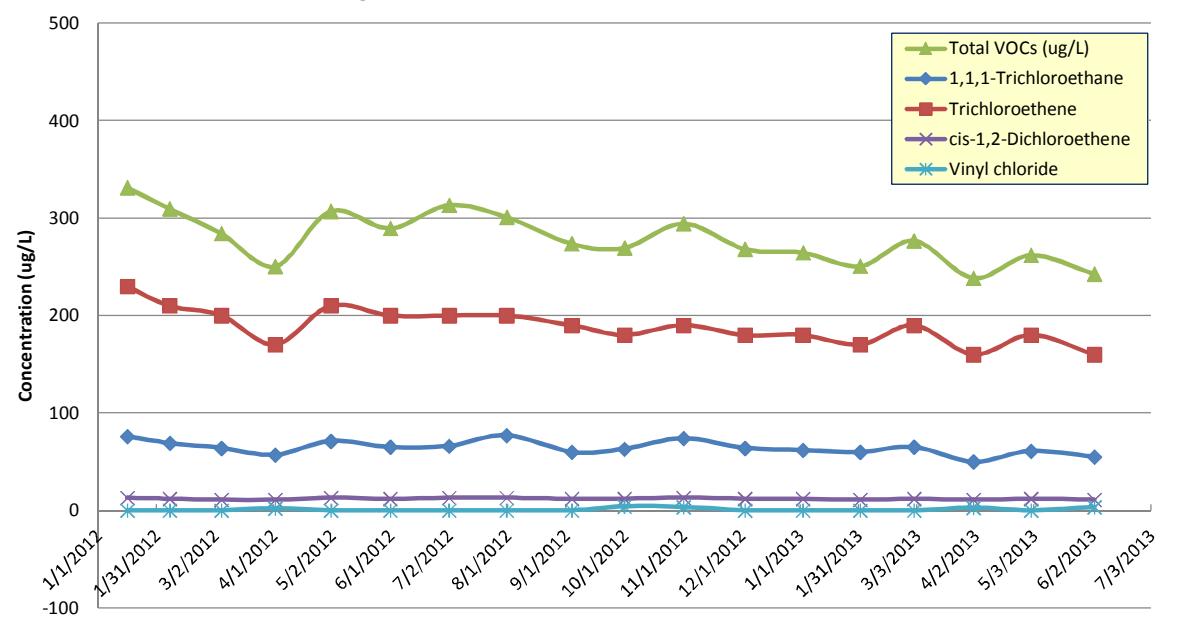
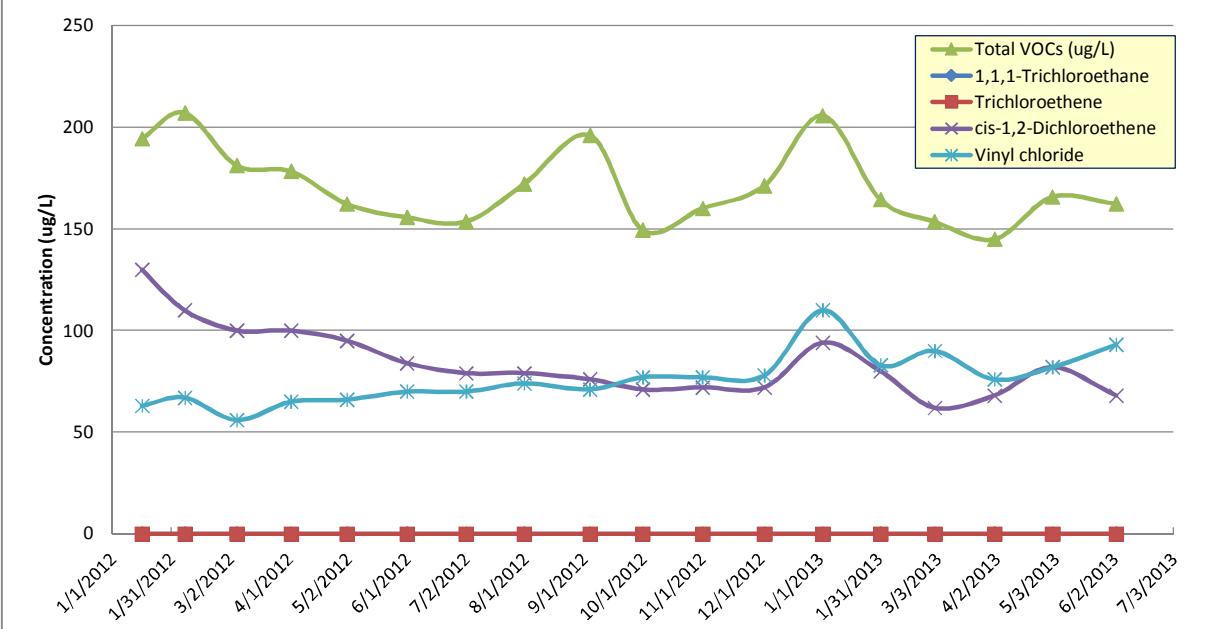
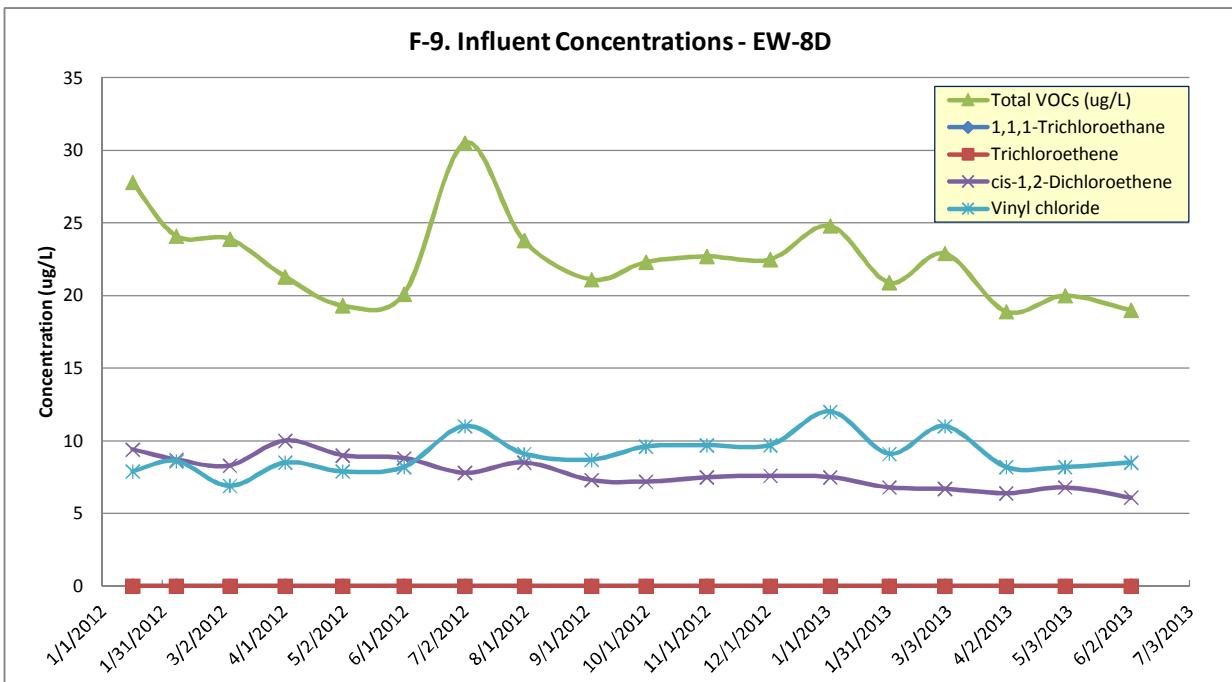
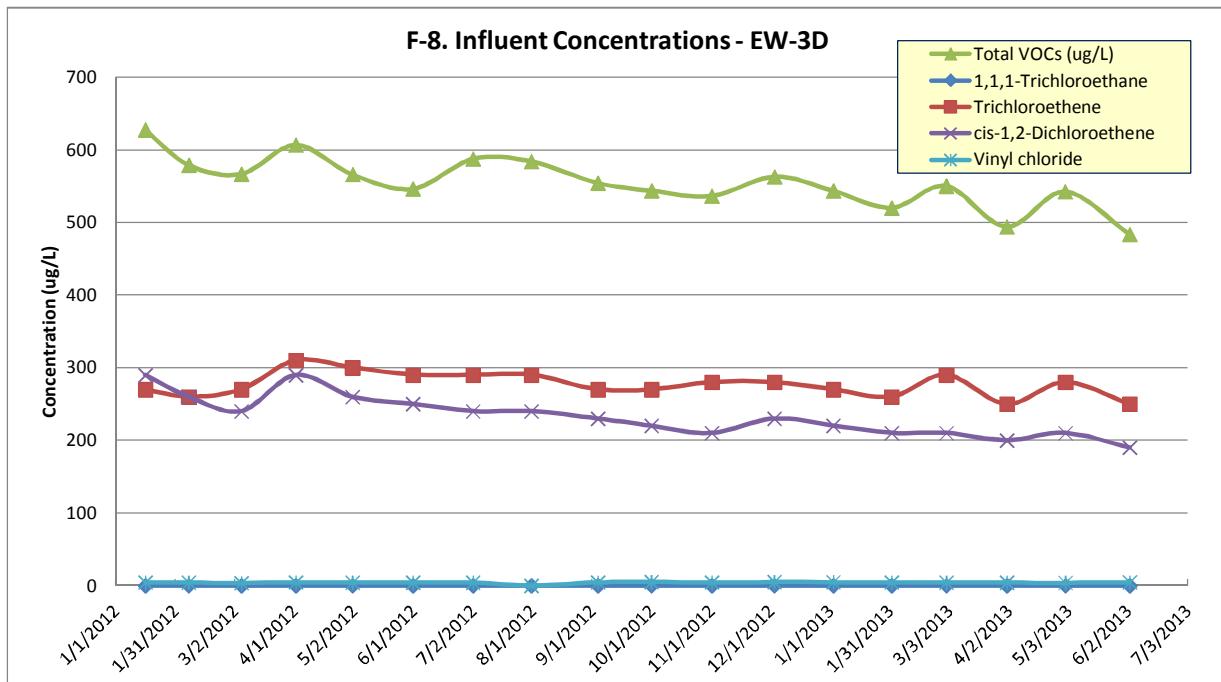


Figure F-6. Influent Concentrations - EW-6P



F-7. Influent Concentrations - EW-7S





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